

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051524\
 Data File : VD078928.D
 Acq On : 15 May 2024 13:02
 Operator : RP/MD
 Sample : VD0515SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2024
 Supervised By :Semsettin Yesilyurt 05/16/2024

Quant Time: May 16 01:23:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	122721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	201524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	190623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	97582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60195	52.292	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.580%			
35) Dibromofluoromethane	7.804	113	67517	50.330	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.660%			
50) Toluene-d8	10.269	98	264021	52.500	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.000%			
62) 4-Bromofluorobenzene	12.569	95	73029	51.692	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	25055	21.849	ug/l	92
3) Chloromethane	2.152	50	35078	21.010	ug/l	96
4) Vinyl Chloride	2.287	62	58750	23.578	ug/l	98
5) Bromomethane	2.687	94	53627	22.792	ug/l	93
6) Chloroethane	2.840	64	46041	20.975	ug/l	93
7) Trichlorofluoromethane	3.175	101	46261	19.248	ug/l	88
8) Diethyl Ether	3.593	74	12042	21.629	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.975	101	27744	21.860	ug/l	97
10) Methyl Iodide	4.163	142	30806	20.317	ug/l	96
11) Tert butyl alcohol	5.057	59	5429	107.889	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	26192	21.083	ug/l	99
13) Acrolein	3.793	56	10956	95.609	ug/l	97
14) Allyl chloride	4.563	41	23803	19.636	ug/l	91
15) Acrylonitrile	5.257	53	24332	109.353	ug/l	91
16) Acetone	4.016	43	16412	89.418	ug/l	92
17) Carbon Disulfide	4.269	76	87786	23.301	ug/l	100
18) Methyl Acetate	4.558	43	9103	21.540	ug/l	94
19) Methyl tert-butyl Ether	5.316	73	48647	20.097	ug/l #	86
20) Methylene Chloride	4.805	84	35641	21.023	ug/l	95
21) trans-1,2-Dichloroethene	5.310	96	28934	20.896	ug/l	89
22) Diisopropyl ether	6.210	45	57444	20.951	ug/l #	89
23) Vinyl Acetate	6.157	43	166795	101.426	ug/l	99
24) 1,1-Dichloroethane	6.122	63	44472	20.461	ug/l	99
25) 2-Butanone	7.081	43	24359	99.230	ug/l	99
26) 2,2-Dichloropropane	7.069	77	39582	20.723	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	32584	20.040	ug/l	96
28) Bromochloromethane	7.428	49	15065	20.783	ug/l	94
29) Tetrahydrofuran	7.440	42	14812	104.320	ug/l	97
30) Chloroform	7.599	83	51006	20.719	ug/l	100
31) Cyclohexane	7.875	56	35070	20.853	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	45097	21.391	ug/l	98
36) 1,1-Dichloropropene	8.004	75	34950	20.936	ug/l	99
37) Ethyl Acetate	7.169	43	10377	18.240	ug/l #	93
38) Carbon Tetrachloride	7.987	117	40862	20.916	ug/l	94
39) Methylcyclohexane	9.275	83	41502	20.461	ug/l	96
40) Benzene	8.251	78	112258	20.791	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051524\
 Data File : VD078928.D
 Acq On : 15 May 2024 13:02
 Operator : RP/MD
 Sample : VD0515SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2024
 Supervised By :Semsettin Yesilyurt 05/16/2024

Quant Time: May 16 01:23:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	5559	18.160	ug/l #	93
42) 1,2-Dichloroethane	8.328	62	26968	20.635	ug/l	96
43) Isopropyl Acetate	8.357	43	19960	19.773	ug/l #	85
44) Trichloroethene	9.028	130	28732	20.063	ug/l	87
45) 1,2-Dichloropropane	9.310	63	24592	20.727	ug/l	98
46) Dibromomethane	9.393	93	15759	20.176	ug/l	96
47) Bromodichloromethane	9.587	83	39180	20.838	ug/l	96
48) Methyl methacrylate	9.375	41	10094	20.541	ug/l	92
49) 1,4-Dioxane	9.381	88	2937	427.469	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	54414	101.204	ug/l	99
52) Toluene	10.334	92	72712	21.038	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	31648	19.809	ug/l #	88
54) cis-1,3-Dichloropropene	10.016	75	39747	20.727	ug/l	93
55) 1,1,2-Trichloroethane	10.728	97	20270	20.087	ug/l	96
56) Ethyl methacrylate	10.598	69	20204	19.460	ug/l #	95
57) 1,3-Dichloropropane	10.881	76	32448	20.650	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	42119	94.417	ug/l	99
59) 2-Hexanone	10.922	43	37701	100.740	ug/l	99
60) Dibromochloromethane	11.075	129	27382	19.905	ug/l	96
61) 1,2-Dibromoethane	11.181	107	18926	20.570	ug/l	94
64) Tetrachloroethene	10.810	164	24978	20.653	ug/l	91
65) Chlorobenzene	11.604	112	81354	20.518	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	27687	20.198	ug/l	98
67) Ethyl Benzene	11.681	91	127312	19.962	ug/l	98
68) m/p-Xylenes	11.792	106	105184	40.566	ug/l	96
69) o-Xylene	12.122	106	46836	19.813	ug/l	93
70) Styrene	12.134	104	85204	20.338	ug/l	99
71) Bromoform	12.298	173	15468	19.699	ug/l #	99
73) Isopropylbenzene	12.422	105	123361	21.181	ug/l	100
74) N-amyl acetate	12.234	43	19489	20.623	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	22917	21.814	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	13575m	19.760	ug/l	
77) Bromobenzene	12.698	156	31094	20.302	ug/l	98
78) n-propylbenzene	12.763	91	150264	21.346	ug/l	98
79) 2-Chlorotoluene	12.851	91	81089	20.725	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	101787	21.035	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	7394	21.343	ug/l	94
82) 4-Chlorotoluene	12.945	91	88529	21.567	ug/l	99
83) tert-Butylbenzene	13.163	119	89655	20.950	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	103902	20.730	ug/l	99
85) sec-Butylbenzene	13.345	105	136191	21.334	ug/l	98
86) p-Isopropyltoluene	13.463	119	113024	20.322	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	62929	19.417	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	65280	20.567	ug/l	99
89) n-Butylbenzene	13.786	91	100944	20.255	ug/l	99
90) Hexachloroethane	14.051	117	23597	20.114	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	57303	21.131	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2922	20.892	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	31970	20.079	ug/l	98
94) Hexachlorobutadiene	15.204	225	16887	20.295	ug/l	93
95) Naphthalene	15.333	128	53944	19.890	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	26292	18.563	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051524\
Data File : VD078928.D
Acq On : 15 May 2024 13:02
Operator : RP/MD
Sample : VD0515SBS01
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0515SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024

Quant Time: May 16 01:23:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051524\
 Data File : VD078928.D
 Acq On : 15 May 2024 13:02
 Operator : RP/MD
 Sample : VD0515SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0515SBS01

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 05/16/2024
 Supervised By : Semsettin Yesilyurt 05/16/2024

Quant Time: May 16 01:23:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

