

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078432.D
 Acq On : 15 Feb 2024 13:27
 Operator : RP/MD
 Sample : VD0215SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0215SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/16/2024
 Supervised By :Semsettin Yesilyurt 02/16/2024

Quant Time: Feb 16 02:35:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	179672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	305904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	282116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	134669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	93131	47.939	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.880%		
35) Dibromofluoromethane	7.810	113	100595	51.769	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.540%		
50) Toluene-d8	10.269	98	404767	52.073	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.140%		
62) 4-Bromofluorobenzene	12.575	95	116637	51.563	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	28438	16.064	ug/l	96
3) Chloromethane	2.152	50	50924	15.653	ug/l	96
4) Vinyl Chloride	2.287	62	76555	15.421	ug/l	97
5) Bromomethane	2.693	94	59389	17.331	ug/l	100
6) Chloroethane	2.840	64	59516	16.441	ug/l	98
7) Trichlorofluoromethane	3.175	101	60063	17.935	ug/l	93
8) Diethyl Ether	3.599	74	17193	17.824	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.963	101	38070	18.020	ug/l	96
10) Methyl Iodide	4.163	142	34795	18.389	ug/l	92
11) Tert butyl alcohol	5.069	59	10394	95.218	ug/l #	84
12) 1,1-Dichloroethene	3.952	96	35290	18.017	ug/l	91
13) Acrolein	3.799	56	14484	80.703	ug/l	94
14) Allyl chloride	4.558	41	43074	17.802	ug/l	90
15) Acrylonitrile	5.258	53	34511	83.577	ug/l	99
16) Acetone	4.028	43	42857	98.325	ug/l	89
17) Carbon Disulfide	4.275	76	109478	16.611	ug/l	98
18) Methyl Acetate	4.569	43	12996	12.617	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	74838	17.984	ug/l	97
20) Methylene Chloride	4.805	84	47603	19.762	ug/l	90
21) trans-1,2-Dichloroethene	5.316	96	41598	18.053	ug/l	91
22) Diisopropyl ether	6.222	45	93721	17.573	ug/l	94
23) Vinyl Acetate	6.157	43	243096m	102.973	ug/l	
24) 1,1-Dichloroethane	6.116	63	68227	18.059	ug/l	99
25) 2-Butanone	7.087	43	49902	91.426	ug/l	89
26) 2,2-Dichloropropane	7.081	77	59116	18.666	ug/l	93
27) cis-1,2-Dichloroethene	7.087	96	45460	17.982	ug/l	93
28) Bromochloromethane	7.428	49	27377	18.295	ug/l	87
29) Tetrahydrofuran	7.446	42	25050	86.705	ug/l	95
30) Chloroform	7.604	83	75117	18.792	ug/l	90
31) Cyclohexane	7.881	56	57123	17.382	ug/l	88
32) 1,1,1-Trichloroethane	7.787	97	63530	18.641	ug/l	99
36) 1,1-Dichloropropene	8.010	75	56601	18.750	ug/l	95
37) Ethyl Acetate	7.169	43	18829	17.794	ug/l	95
38) Carbon Tetrachloride	7.993	117	55556	18.584	ug/l	94
39) Methylcyclohexane	9.275	83	65191	18.191	ug/l	90
40) Benzene	8.251	78	160299	18.372	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078432.D
 Acq On : 15 Feb 2024 13:27
 Operator : RP/MD
 Sample : VD0215SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0215SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/16/2024
 Supervised By :Semsettin Yesilyurt 02/16/2024

Quant Time: Feb 16 02:35:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	10202	18.525	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	41395	18.335	ug/l	96
43) Isopropyl Acetate	8.363	43	34405	17.558	ug/l	95
44) Trichloroethene	9.028	130	44489	19.986	ug/l	97
45) 1,2-Dichloropropane	9.304	63	38227	17.857	ug/l	100
46) Dibromomethane	9.398	93	22501	18.687	ug/l	90
47) Bromodichloromethane	9.587	83	55689	18.672	ug/l	96
48) Methyl methacrylate	9.381	41	15648	15.052	ug/l #	87
49) 1,4-Dioxane	9.381	88	4458	341.867	ug/l #	84
51) 4-Methyl-2-Pentanone	10.163	43	94137	90.517	ug/l	94
52) Toluene	10.334	92	104327	18.908	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	49195	18.077	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	62280	18.873	ug/l #	86
55) 1,1,2-Trichloroethane	10.734	97	30321	18.698	ug/l	94
56) Ethyl methacrylate	10.598	69	32159	21.443	ug/l	91
57) 1,3-Dichloropropane	10.881	76	49308	17.875	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	78683	89.068	ug/l	98
59) 2-Hexanone	10.922	43	74171	94.901	ug/l	93
60) Dibromochloromethane	11.075	129	36920	18.923	ug/l	95
61) 1,2-Dibromoethane	11.181	107	28690	18.846	ug/l	97
64) Tetrachloroethene	10.810	164	34060	19.114	ug/l #	87
65) Chlorobenzene	11.610	112	110495	19.482	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	39231	18.822	ug/l	97
67) Ethyl Benzene	11.687	91	189958	18.693	ug/l	97
68) m/p-Xylenes	11.798	106	151778	38.290	ug/l	92
69) o-Xylene	12.122	106	69328	19.166	ug/l	93
70) Styrene	12.134	104	118778	20.119	ug/l	97
71) Bromoform	12.304	173	21195	19.320	ug/l #	98
73) Isopropylbenzene	12.422	105	182055	20.132	ug/l	96
74) N-amyl acetate	12.234	43	32876	19.217	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	35035	19.531	ug/l	94
76) 1,2,3-Trichloropropane	12.728	75	18314m	16.019	ug/l	
77) Bromobenzene	12.704	156	42564	20.028	ug/l	91
78) n-propylbenzene	12.763	91	226042	20.058	ug/l	95
79) 2-Chlorotoluene	12.851	91	123892	20.526	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	148884	19.828	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	10373	18.835	ug/l	95
82) 4-Chlorotoluene	12.945	91	125554	19.368	ug/l	96
83) tert-Butylbenzene	13.169	119	129293	20.417	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	149701	19.644	ug/l	98
85) sec-Butylbenzene	13.345	105	197165	20.076	ug/l	97
86) p-Isopropyltoluene	13.463	119	162468	19.422	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	88150	19.434	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	89679	20.122	ug/l	98
89) n-Butylbenzene	13.786	91	156758	19.442	ug/l	97
90) Hexachloroethane	14.057	117	32012	18.619	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	77375	20.314	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4745	20.202	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	46017	20.557	ug/l	96
94) Hexachlorobutadiene	15.210	225	22617	19.357	ug/l	94
95) Naphthalene	15.333	128	81170	19.550	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	39505	20.824	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
Data File : VD078432.D
Acq On : 15 Feb 2024 13:27
Operator : RP/MD
Sample : VD0215SBSD01
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/16/2024
Supervised By :Semsettin Yesilyurt 02/16/2024

Quant Time: Feb 16 02:35:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

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

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

