

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
 Data File : VD078941.D
 Acq On : 16 May 2024 11:20
 Operator : RP/MD
 Sample : VD0516SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024
 Supervised By :Mahesh Dadoda 05/17/2024

Quant Time: May 17 06:08:43 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	7.881	168	129632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	213038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	195711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	61997	50.987	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.980%			
35) Dibromofluoromethane	7.804	113	71981	50.758	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.520%			
50) Toluene-d8	10.269	98	276767	52.060	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.120%			
62) 4-Bromofluorobenzene	12.575	95	80909	54.174	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	25137	20.752	ug/l	96
3) Chloromethane	2.152	50	35202	19.797	ug/l	100
4) Vinyl Chloride	2.287	62	63009	23.953	ug/l	98
5) Bromomethane	2.687	94	52504	21.121	ug/l	99
6) Chloroethane	2.840	64	47236	20.372	ug/l	93
7) Trichlorofluoromethane	3.181	101	47922	18.876	ug/l	97
8) Diethyl Ether	3.593	74	11563	19.509	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.964	101	28613	21.343	ug/l	99
10) Methyl Iodide	4.164	142	30645	19.133	ug/l	96
11) Tert butyl alcohol	5.063	59	5776	108.691	ug/l	99
12) 1,1-Dichloroethene	3.940	96	26234	19.991	ug/l	86
13) Acrolein	3.793	56	10841	89.562	ug/l	94
14) Allyl chloride	4.563	41	23528	18.374	ug/l	94
15) Acrylonitrile	5.258	53	23029	97.979	ug/l	94
16) Acetone	4.022	43	16393	84.553	ug/l	100
17) Carbon Disulfide	4.275	76	83422	20.771	ug/l #	95
18) Methyl Acetate	4.552	43	9166	20.533	ug/l	89
19) Methyl tert-butyl Ether	5.322	73	45802	17.913	ug/l	94
20) Methylene Chloride	4.811	84	35535	19.471	ug/l	93
21) trans-1,2-Dichloroethene	5.316	96	29809	20.380	ug/l	93
22) Diisopropyl ether	6.222	45	54565	18.840	ug/l	96
23) Vinyl Acetate	6.158	43	159987	92.099	ug/l	99
24) 1,1-Dichloroethane	6.110	63	45312	19.736	ug/l	97
25) 2-Butanone	7.087	43	24044	92.725	ug/l	91
26) 2,2-Dichloropropane	7.075	77	39307	19.482	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	31801	18.515	ug/l	95
28) Bromochloromethane	7.428	49	9465	12.362	ug/l	95
29) Tetrahydrofuran	7.452	42	13699	91.338	ug/l	99
30) Chloroform	7.604	83	50668	19.484	ug/l	98
31) Cyclohexane	7.875	56	35269	19.853	ug/l #	90
32) 1,1,1-Trichloroethane	7.793	97	43837	19.685	ug/l	98
36) 1,1-Dichloropropene	8.010	75	35323	20.016	ug/l	98
37) Ethyl Acetate	7.169	43	9876	16.421	ug/l	99
38) Carbon Tetrachloride	7.993	117	39292	19.026	ug/l	100
39) Methylcyclohexane	9.275	83	43454	20.266	ug/l	90
40) Benzene	8.252	78	107882	18.901	ug/l	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
 Data File : VD078941.D
 Acq On : 16 May 2024 11:20
 Operator : RP/MD
 Sample : VD0516SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024
 Supervised By :Mahesh Dadoda 05/17/2024

Quant Time: May 17 06:08:43 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	5861	18.111	ug/l	93
42) 1,2-Dichloroethane	8.322	62	26323	19.053	ug/l	97
43) Isopropyl Acetate	8.369	43	19462	18.238	ug/l #	84
44) Trichloroethene	9.028	130	29254	19.323	ug/l	98
45) 1,2-Dichloropropane	9.304	63	23631	18.840	ug/l	98
46) Dibromomethane	9.393	93	15923	19.284	ug/l	93
47) Bromodichloromethane	9.587	83	37104	18.668	ug/l	96
48) Methyl methacrylate	9.387	41	9823	18.909	ug/l	93
49) 1,4-Dioxane	9.387	88	3158	434.793	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	52071	91.612	ug/l	96
52) Toluene	10.334	92	73187	20.031	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	32668	19.342	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	38510	18.996	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	19212	18.010	ug/l	96
56) Ethyl methacrylate	10.598	69	19986	18.210	ug/l	99
57) 1,3-Dichloropropane	10.881	76	30550	18.391	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	45612	96.721	ug/l	100
59) 2-Hexanone	10.922	43	37140	93.877	ug/l	97
60) Dibromochloromethane	11.075	129	26684	18.349	ug/l	97
61) 1,2-Dibromoethane	11.181	107	18279	18.793	ug/l	90
64) Tetrachloroethene	10.810	164	26197	21.098	ug/l #	84
65) Chlorobenzene	11.604	112	80478	19.769	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	27310	19.405	ug/l	99
67) Ethyl Benzene	11.687	91	123805	18.908	ug/l	97
68) m/p-Xylenes	11.793	106	103341	38.819	ug/l	95
69) o-Xylene	12.122	106	43958	18.112	ug/l	89
70) Styrene	12.134	104	81372	18.918	ug/l	100
71) Bromoform	12.298	173	14817	18.379	ug/l #	96
73) Isopropylbenzene	12.422	105	117969	19.158	ug/l	99
74) N-amyl acetate	12.234	43	18779	18.795	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	22417	20.182	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	14647m	20.166	ug/l	
77) Bromobenzene	12.698	156	31228	19.285	ug/l	95
78) n-propylbenzene	12.763	91	150131	20.172	ug/l	96
79) 2-Chlorotoluene	12.851	91	81583	19.722	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	99965	19.540	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	6983	19.065	ug/l	92
82) 4-Chlorotoluene	12.945	91	88144	20.311	ug/l	96
83) tert-Butylbenzene	13.169	119	88350	19.527	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	100475	18.960	ug/l	100
85) sec-Butylbenzene	13.345	105	133975	19.851	ug/l	99
86) p-Isopropyltoluene	13.463	119	112876	19.196	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	64756	18.898	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	63888	19.038	ug/l	97
89) n-Butylbenzene	13.787	91	104306	19.796	ug/l	99
90) Hexachloroethane	14.051	117	24471	19.729	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	54174	18.895	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2558	17.299	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	31751	18.861	ug/l	98
94) Hexachlorobutadiene	15.204	225	17222	19.576	ug/l	99
95) Naphthalene	15.328	128	51870	18.089	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	27876	18.615	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
Data File : VD078941.D
Acq On : 16 May 2024 11:20
Operator : RP/MD
Sample : VD0516SBSD01
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBSD01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024

Quant Time: May 17 06:08:43 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\VD051624\
Data File : VD078941.D
Acq On : 16 May 2024 11:20
Operator : RP/MD
Sample : VD0516SBS01
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 05/17/2024
Supervised By : Mahesh Dadoda 05/17/2024

Quant Time: May 17 06:08:43 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

