

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081424\
 Data File : VD079731.D
 Acq On : 14 Aug 2024 11:52
 Operator : RP/MD
 Sample : VD0814SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0814SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

Quant Time: Aug 15 01:31:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	168791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	322193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	289536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	149314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	100645	51.828	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.660%			
35) Dibromofluoromethane	7.804	113	98196	49.437	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.880%			
50) Toluene-d8	10.269	98	418500	50.412	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.820%			
62) 4-Bromofluorobenzene	12.569	95	119767	51.525	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 103.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	39461	26.097	ug/l	99
3) Chloromethane	2.146	50	76721	23.534	ug/l	98
4) Vinyl Chloride	2.281	62	89319	23.177	ug/l	96
5) Bromomethane	2.681	94	56057	21.370	ug/l	96
6) Chloroethane	2.828	64	58232	22.136	ug/l	96
7) Trichlorofluoromethane	3.169	101	72225	20.955	ug/l	96
8) Diethyl Ether	3.593	74	24256	22.506	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.963	101	41243	20.327	ug/l	93
10) Methyl Iodide	4.163	142	44401	19.551	ug/l	95
11) Tert butyl alcohol	5.063	59	15141	157.156	ug/l #	88
12) 1,1-Dichloroethene	3.940	96	44298	20.880	ug/l	91
13) Acrolein	3.793	56	23092	102.232	ug/l	95
14) Allyl chloride	4.558	41	64758	20.350	ug/l #	83
15) Acrylonitrile	5.257	53	52268	105.350	ug/l	99
16) Acetone	4.022	43	40947	102.100	ug/l	94
17) Carbon Disulfide	4.269	76	155707	20.704	ug/l	98
18) Methyl Acetate	4.563	43	25428	19.206	ug/l #	81
19) Methyl tert-butyl Ether	5.322	73	91147	20.923	ug/l	98
20) Methylene Chloride	4.799	84	72489	23.946	ug/l #	88
21) trans-1,2-Dichloroethene	5.316	96	47723	20.488	ug/l	90
22) Diisopropyl ether	6.216	45	141784	21.621	ug/l #	90
23) Vinyl Acetate	6.157	43	526355	109.507	ug/l #	90
24) 1,1-Dichloroethane	6.104	63	88898	20.507	ug/l	95
25) 2-Butanone	7.081	43	61921	103.644	ug/l #	88
26) 2,2-Dichloropropane	7.075	77	72238	21.100	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	56574	20.939	ug/l	89
28) Bromochloromethane	7.422	49	36397	19.737	ug/l #	1
29) Tetrahydrofuran	7.446	42	39444	108.604	ug/l #	77
30) Chloroform	7.599	83	87817	20.861	ug/l	94
31) Cyclohexane	7.875	56	69752	19.651	ug/l	89
32) 1,1,1-Trichloroethane	7.793	97	72434	20.799	ug/l	98
36) 1,1-Dichloropropene	8.004	75	61337	19.922	ug/l	96
37) Ethyl Acetate	7.163	43	27535	19.761	ug/l	98
38) Carbon Tetrachloride	7.987	117	62962	20.147	ug/l	96
39) Methylcyclohexane	9.269	83	72460	19.912	ug/l	91
40) Benzene	8.251	78	203534	20.326	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081424\
 Data File : VD079731.D
 Acq On : 14 Aug 2024 11:52
 Operator : RP/MD
 Sample : VD0814SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0814SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

Quant Time: Aug 15 01:31:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	14398	19.620	ug/l #	66
42) 1,2-Dichloroethane	8.322	62	47237	20.408	ug/l	95
43) Isopropyl Acetate	8.363	43	50569	20.810	ug/l #	93
44) Trichloroethene	9.028	130	43038	19.569	ug/l	81
45) 1,2-Dichloropropane	9.298	63	48356	19.619	ug/l	95
46) Dibromomethane	9.393	93	25437	20.385	ug/l #	87
47) Bromodichloromethane	9.581	83	63216	20.097	ug/l	95
48) Methyl methacrylate	9.375	41	22656	20.270	ug/l #	81
49) 1,4-Dioxane	9.387	88	6401	509.681	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	129662	103.714	ug/l	93
52) Toluene	10.334	92	124903	20.801	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	59539	20.249	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	73674	20.415	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	33234	19.979	ug/l	91
56) Ethyl methacrylate	10.598	69	41133	21.758	ug/l #	86
57) 1,3-Dichloropropane	10.875	76	57063	19.898	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	95442	105.214	ug/l	89
59) 2-Hexanone	10.916	43	93040	111.211	ug/l	91
60) Dibromochloromethane	11.075	129	40616	19.818	ug/l	96
61) 1,2-Dibromoethane	11.175	107	30268	20.492	ug/l	99
64) Tetrachloroethene	10.810	164	34592	19.553	ug/l	91
65) Chlorobenzene	11.604	112	129163	20.316	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	41141	19.848	ug/l	98
67) Ethyl Benzene	11.681	91	220265	19.745	ug/l	99
68) m/p-Xylenes	11.792	106	175633	40.488	ug/l	94
69) o-Xylene	12.116	106	79291	19.999	ug/l	92
70) Styrene	12.134	104	144135	20.723	ug/l	96
71) Bromoform	12.292	173	21328	20.018	ug/l #	97
73) Isopropylbenzene	12.416	105	203527	19.415	ug/l	99
74) N-amyl acetate	12.228	43	49964	21.394	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	38813	19.830	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	28856m	23.706	ug/l	
77) Bromobenzene	12.698	156	45541	19.425	ug/l	80
78) n-propylbenzene	12.763	91	254660	19.632	ug/l	98
79) 2-Chlorotoluene	12.845	91	141773	19.627	ug/l	93
80) 1,3,5-Trimethylbenzene	12.898	105	172774	19.875	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	14278	19.989	ug/l	96
82) 4-Chlorotoluene	12.945	91	152890	20.129	ug/l	94
83) tert-Butylbenzene	13.163	119	142276	19.393	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	175501	19.734	ug/l	96
85) sec-Butylbenzene	13.339	105	223768	19.794	ug/l	99
86) p-Isopropyltoluene	13.457	119	182712	19.239	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	97271	19.490	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	97355	19.761	ug/l	96
89) n-Butylbenzene	13.786	91	176323	19.697	ug/l	98
90) Hexachloroethane	14.051	117	38325	19.668	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	84829	19.735	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5806	21.732	ug/l	73
93) 1,2,4-Trichlorobenzene	15.092	180	48657	19.677	ug/l	99
94) Hexachlorobutadiene	15.198	225	24849	19.983	ug/l	95
95) Naphthalene	15.328	128	94762	20.037	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	41857	19.311	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081424\
Data File : VD079731.D
Acq On : 14 Aug 2024 11:52
Operator : RP/MD
Sample : VD0814SBSD01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0814SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

Quant Time: Aug 15 01:31:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 13 01:06:11 2024
Response via : Initial Calibration

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

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

