

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
 Data File : VD075098.D
 Acq On : 10 Jan 2023 11:15
 Operator : KP/SY
 Sample : VD0110SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0110SBS01

Quant Time: Jan 11 01:47:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	90714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	162564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	141915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	64810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	48141	52.934	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.860%			
35) Dibromofluoromethane	7.805	113	50547	49.431	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.860%			
50) Toluene-d8	10.269	98	193023	47.607	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.220%			
62) 4-Bromofluorobenzene	12.575	95	64024	49.196	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	11769	25.718	ug/l	88
3) Chloromethane	2.146	50	18173	25.318	ug/l	95
4) Vinyl Chloride	2.281	62	18580	22.581	ug/l	96
5) Bromomethane	2.687	94	12995	24.813	ug/l	96
6) Chloroethane	2.834	64	14378	23.430	ug/l	98
7) Trichlorofluoromethane	3.170	101	27831	23.280	ug/l	85
8) Diethyl Ether	3.593	74	10490	25.282	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.970	101	18147	21.879	ug/l	97
10) Methyl Iodide	4.164	142	16888	20.169	ug/l	95
11) Tert butyl alcohol	5.040	59	9454	150.871	ug/l #	91
12) 1,1-Dichloroethene	3.946	96	17941	23.325	ug/l	89
13) Acrolein	3.799	56	10687	134.143	ug/l	97
14) Allyl chloride	4.558	41	30868	23.442	ug/l	98
15) Acrylonitrile	5.258	53	25029	117.016	ug/l	98
16) Acetone	4.022	43	22740	105.527	ug/l	100
17) Carbon Disulfide	4.270	76	43024	30.361	ug/l	96
18) Methyl Acetate	4.558	43	15073	25.620	ug/l	96
19) Methyl tert-butyl Ether	5.317	73	46252	22.959	ug/l	97
20) Methylene Chloride	4.799	84	30793	22.364	ug/l	90
21) trans-1,2-Dichloroethene	5.311	96	20443	24.239	ug/l	94
22) Diisopropyl ether	6.216	45	65775	23.338	ug/l #	93
23) Vinyl Acetate	6.158	43	102050	98.889	ug/l	97
24) 1,1-Dichloroethane	6.116	63	40107	23.664	ug/l	99
25) 2-Butanone	7.081	43	33288	116.617	ug/l	99
26) 2,2-Dichloropropane	7.081	77	34092	22.428	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	25161	23.629	ug/l	99
28) Bromochloromethane	7.428	49	13668	23.251	ug/l #	98
29) Tetrahydrofuran	7.446	42	19275	120.028	ug/l	98
30) Chloroform	7.599	83	38880	22.638	ug/l	99
31) Cyclohexane	7.881	56	31206	25.042	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	33037	22.418	ug/l	98
36) 1,1-Dichloropropene	8.010	75	28351	22.409	ug/l	97
37) Ethyl Acetate	7.169	43	15218	22.233	ug/l	99
38) Carbon Tetrachloride	7.993	117	23523	21.222	ug/l	97
39) Methylcyclohexane	9.275	83	32976	22.535	ug/l	93
40) Benzene	8.252	78	83572	22.140	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
 Data File : VD075098.D
 Acq On : 10 Jan 2023 11:15
 Operator : KP/SY
 Sample : VD0110SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0110SBS01

Quant Time: Jan 11 01:47:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	7681	17.732	ug/l	92
42) 1,2-Dichloroethane	8.328	62	23400	22.120	ug/l	99
43) Isopropyl Acetate	8.363	43	27208	22.348	ug/l	98
44) Trichloroethene	9.028	130	23156	21.344	ug/l	87
45) 1,2-Dichloropropane	9.310	63	22356	21.735	ug/l	98
46) Dibromomethane	9.393	93	11674	22.457	ug/l	94
47) Bromodichloromethane	9.587	83	29567	21.781	ug/l	96
48) Methyl methacrylate	9.381	41	11989	21.856	ug/l	97
49) 1,4-Dioxane	9.381	88	2461	434.709	ug/l #	84
51) 4-Methyl-2-Pentanone	10.163	43	66159	107.614	ug/l	100
52) Toluene	10.334	92	53732	21.957	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	26001	20.957	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	32771	21.565	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	16838	22.240	ug/l	96
56) Ethyl methacrylate	10.599	69	19831	21.685	ug/l	99
57) 1,3-Dichloropropane	10.881	76	28451	22.621	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	40513	117.340	ug/l	95
59) 2-Hexanone	10.922	43	45387	105.542	ug/l	99
60) Dibromochloromethane	11.075	129	18881	21.062	ug/l	99
61) 1,2-Dibromoethane	11.181	107	15382	22.377	ug/l	97
64) Tetrachloroethene	10.810	164	18498	20.327	ug/l	92
65) Chlorobenzene	11.610	112	58354	21.846	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	19482	20.641	ug/l	96
67) Ethyl Benzene	11.687	91	102493	21.548	ug/l	100
68) m/p-Xylenes	11.793	106	80246	43.769	ug/l	96
69) o-Xylene	12.122	106	39028	21.964	ug/l	96
70) Styrene	12.140	104	62906	21.182	ug/l	99
71) Bromoform	12.304	173	10495	20.688	ug/l #	97
73) Isopropylbenzene	12.422	105	100875	20.817	ug/l	99
74) N-amyl acetate	12.234	43	23945	21.755	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.675	83	18972	22.844	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	11318m	18.302	ug/l	
77) Bromobenzene	12.704	156	22275	20.998	ug/l	96
78) n-propylbenzene	12.763	91	122263	21.037	ug/l	100
79) 2-Chlorotoluene	12.851	91	66597	20.851	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	81452	20.719	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	5000	21.473	ug/l	97
82) 4-Chlorotoluene	12.951	91	69028	21.099	ug/l	98
83) tert-Butylbenzene	13.169	119	72740	20.965	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	79231	20.854	ug/l	98
85) sec-Butylbenzene	13.345	105	107507	20.450	ug/l	99
86) p-Isopropyltoluene	13.463	119	87403	20.582	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	44365	21.004	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	43332	20.288	ug/l	97
89) n-Butylbenzene	13.793	91	85412	20.451	ug/l	98
90) Hexachloroethane	14.057	117	14961	20.212	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	39605	20.950	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2953	22.111	ug/l	86
93) 1,2,4-Trichlorobenzene	15.104	180	23754	19.432	ug/l	99
94) Hexachlorobutadiene	15.210	225	11269	18.493	ug/l	96
95) Naphthalene	15.340	128	50261	20.939	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	20544	19.456	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
Data File : VD075098.D
Acq On : 10 Jan 2023 11:15
Operator : KP/SY
Sample : VD0110SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

Quant Time: Jan 11 01:47:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 10 03:36:33 2023
Response via : Initial Calibration

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

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

