

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
 Data File : VD077229.D
 Acq On : 28 Sep 2023 11:08
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/29/2023
 Supervised By : Mahesh Dadoda 09/29/2023

Quant Time: Sep 29 02:17:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	255962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	425245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	399821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	200423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	121945	47.207	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.420%		
35) Dibromofluoromethane	7.804	113	142379	48.203	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.400%		
50) Toluene-d8	10.269	98	532247	50.625	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.260%		
62) 4-Bromofluorobenzene	12.575	95	161188	49.465	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.940%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	124875	47.209	ug/l	99
3) Chloromethane	2.146	50	219224	44.834	ug/l	98
4) Vinyl Chloride	2.287	62	237495	45.406	ug/l	99
5) Bromomethane	2.693	94	174162	45.718	ug/l	99
6) Chloroethane	2.834	64	147518	45.326	ug/l	100
7) Trichlorofluoromethane	3.175	101	248963	52.662	ug/l	100
8) Diethyl Ether	3.593	74	73929	48.452	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.963	101	154412	52.241	ug/l	98
10) Methyl Iodide	4.163	142	183295	43.387	ug/l	92
11) Tert butyl alcohol	5.052	59	38556	261.783	ug/l	97
12) 1,1-Dichloroethene	3.940	96	145617	48.904	ug/l	90
13) Acrolein	3.787	56	16161	153.648	ug/l	88
14) Allyl chloride	4.563	41	196760	54.162	ug/l	93
15) Acrylonitrile	5.252	53	161042	251.700	ug/l	100
16) Acetone	4.022	43	154622	261.895	ug/l #	82
17) Carbon Disulfide	4.269	76	468953	47.842	ug/l	99
18) Methyl Acetate	4.558	43	114976	51.501	ug/l	91
19) Methyl tert-butyl Ether	5.316	73	325511	50.521	ug/l	99
20) Methylene Chloride	4.799	84	197791	52.071	ug/l #	86
21) trans-1,2-Dichloroethene	5.316	96	177116	49.208	ug/l	100
22) Diisopropyl ether	6.210	45	439838	53.550	ug/l	95
23) Vinyl Acetate	6.152	43	893555	272.122	ug/l #	93
24) 1,1-Dichloroethane	6.116	63	293938	49.861	ug/l	97
25) 2-Butanone	7.075	43	202707	260.975	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	253983	50.756	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	198144	48.969	ug/l	94
28) Bromochloromethane	7.428	49	94654	52.289	ug/l	82
29) Tetrahydrofuran	7.446	42	117161	258.026	ug/l	89
30) Chloroform	7.599	83	308811	48.606	ug/l	97
31) Cyclohexane	7.875	56	240394	53.193	ug/l	88
32) 1,1,1-Trichloroethane	7.787	97	265797	50.120	ug/l	97
36) 1,1-Dichloropropene	8.004	75	236638	53.197	ug/l	97
37) Ethyl Acetate	7.163	43	86594	50.739	ug/l	96
38) Carbon Tetrachloride	7.993	117	224863	51.431	ug/l	99
39) Methylcyclohexane	9.269	83	271861	53.116	ug/l	93
40) Benzene	8.251	78	698428	50.748	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
 Data File : VD077229.D
 Acq On : 28 Sep 2023 11:08
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/29/2023
 Supervised By : Mahesh Dadoda 09/29/2023

Quant Time: Sep 29 02:17:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	43614	47.879	ug/l #	94
42) 1,2-Dichloroethane	8.322	62	163678	47.969	ug/l	98
43) Isopropyl Acetate	8.357	43	158965	50.589	ug/l	93
44) Trichloroethene	9.028	130	186365	48.926	ug/l	93
45) 1,2-Dichloropropane	9.304	63	169425	50.684	ug/l	99
46) Dibromomethane	9.393	93	93524	48.146	ug/l	95
47) Bromodichloromethane	9.581	83	230048	49.008	ug/l	95
48) Methyl methacrylate	9.381	41	75833	53.110	ug/l	84
49) 1,4-Dioxane	9.381	88	17640	1006.053	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	424091	258.060	ug/l	91
52) Toluene	10.334	92	439579	49.927	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	218354	49.790	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	266114	50.648	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	129762	49.115	ug/l	97
56) Ethyl methacrylate	10.598	69	149233	52.576	ug/l	92
57) 1,3-Dichloropropane	10.881	76	211095	49.356	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	372005	253.264	ug/l	96
59) 2-Hexanone	10.922	43	304334	258.102	ug/l	92
60) Dibromochloromethane	11.075	129	152065	46.992	ug/l	93
61) 1,2-Dibromoethane	11.181	107	121531	47.582	ug/l	99
64) Tetrachloroethene	10.810	164	149282	47.989	ug/l	96
65) Chlorobenzene	11.604	112	456897	48.578	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	167450	48.663	ug/l	96
67) Ethyl Benzene	11.681	91	838782	51.883	ug/l	95
68) m/p-Xylenes	11.792	106	657763	101.616	ug/l	90
69) o-Xylene	12.122	106	298787	50.290	ug/l	90
70) Styrene	12.134	104	522169	51.587	ug/l	97
71) Bromoform	12.298	173	88545	46.422	ug/l #	98
73) Isopropylbenzene	12.422	105	789857	53.335	ug/l	96
74) N-amyl acetate	12.234	43	146275	52.582	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	141961	50.796	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	94378m	59.033	ug/l	
77) Bromobenzene	12.698	156	179690	48.730	ug/l	92
78) n-propylbenzene	12.763	91	980161	54.147	ug/l	95
79) 2-Chlorotoluene	12.851	91	526723	52.767	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	651357	52.665	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	45723	54.134	ug/l	97
82) 4-Chlorotoluene	12.945	91	546874	52.127	ug/l	95
83) tert-Butylbenzene	13.169	119	565634	53.530	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	652704	52.045	ug/l	97
85) sec-Butylbenzene	13.345	105	845084	53.297	ug/l	96
86) p-Isopropyltoluene	13.457	119	711549	52.898	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	374262	49.352	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	363405	48.705	ug/l	98
89) n-Butylbenzene	13.786	91	656772	52.928	ug/l	99
90) Hexachloroethane	14.051	117	133199	49.931	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	316454	48.669	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	18991	50.891	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	199653	49.770	ug/l	98
94) Hexachlorobutadiene	15.204	225	95681	45.010	ug/l	98
95) Naphthalene	15.333	128	367596	49.973	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	173122	48.553	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
Data File : VD077229.D
Acq On : 28 Sep 2023 11:08
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

Quant Time: Sep 29 02:17:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 2023
Response via : Initial Calibration

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

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

