

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067165.D
 Acq On : 07 Oct 2020 21:57
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 5:39:35 PM

Quant Time: Oct 08 08:33:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	362097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	556121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	524959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	259540	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	181867	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
35) Dibromofluoromethane	7.92	113	200406	55.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.08%	
50) Toluene-d8	10.34	98	710443	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
62) 4-Bromofluorobenzene	12.64	95	255040	56.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	164617	57.185	ug/l	94
3) Chloromethane	2.21	50	128190	44.454	ug/l	96
4) Vinyl Chloride	2.35	62	133537	46.183	ug/l	94
5) Bromomethane	2.77	94	106183	57.634	ug/l	96
6) Chloroethane	2.92	64	85082	48.318	ug/l	94
7) Trichlorofluoromethane	3.27	101	305923	47.621	ug/l	99
8) Diethyl Ether	3.71	74	79609	49.973	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.10	101	171897	47.342	ug/l	97
10) Methyl Iodide	4.30	142	197681	56.031	ug/l	97
11) Tert butyl alcohol	5.21	59	47776	229.813	ug/l #	89
12) 1,1-Dichloroethene	4.07	96	157939	46.271	ug/l	97
13) Acrolein	3.92	56	60424	258.736	ug/l	97
14) Allyl chloride	4.71	41	205701	46.389	ug/l	94
15) Acrylonitrile	5.42	53	137318	234.208	ug/l	99
16) Acetone	4.16	43	116020	217.919	ug/l	99
17) Carbon Disulfide	4.41	76	481299	45.945	ug/l	98
18) Methyl Acetate	4.72	43	66776	49.903	ug/l	94
19) Methyl tert-butyl Ether	5.48	73	332737	53.399	ug/l	95
20) Methylene Chloride	4.96	84	199501	53.283	ug/l	97
21) trans-1,2-Dichloroethene	5.48	96	194263	50.009	ug/l	95
22) Diisopropyl ether	6.36	45	396713	49.004	ug/l	94
23) Vinyl Acetate	6.31	43	1112322	242.474	ug/l	98
24) 1,1-Dichloroethane	6.26	63	308573	49.390	ug/l	98
25) 2-Butanone	7.21	43	171656	227.413	ug/l	91
26) 2,2-Dichloropropane	7.21	77	267941	50.168	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	218664	52.706	ug/l	95
28) Bromochloromethane	7.54	49	113309	46.962	ug/l	85
29) Tetrahydrofuran	7.56	42	97820	225.384	ug/l	94
30) Chloroform	7.71	83	352576	52.023	ug/l	99
31) Cyclohexane	7.98	56	220272	42.054	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	323993	51.583	ug/l	97
36) 1,1-Dichloropropene	8.11	75	253811	48.964	ug/l	98
37) Ethyl Acetate	7.29	43	78645	43.795	ug/l	98
38) Carbon Tetrachloride	8.10	117	299269	53.359	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067165.D
 Acq On : 07 Oct 2020 21:57
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 5:39:35 PM

Quant Time: Oct 08 08:33:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	267393	48.791	ug/l	95
40) Benzene	8.35	78	731596	50.813	ug/l	94
41) Methacrylonitrile	7.53	41	45441	46.839	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	209392	52.046	ug/l	99
43) Isopropyl Acetate	8.45	43	156649	47.352	ug/l	95
44) Trichloroethene	9.11	130	231407	53.824	ug/l	93
45) 1,2-Dichloropropane	9.38	63	172443	50.974	ug/l	96
46) Dibromomethane	9.47	93	102937	52.941	ug/l	96
47) Bromodichloromethane	9.66	83	271921	53.800	ug/l	99
48) Methyl methacrylate	9.46	41	75930	44.801	ug/l #	79
49) 1,4-Dioxane	9.47	88	20688	1019.469	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	399163	242.240	ug/l	99
52) Toluene	10.40	92	497126	53.600	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	244300	54.083	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	289615	52.505	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	139442	51.583	ug/l	95
56) Ethyl methacrylate	10.66	69	155848	55.841	ug/l	98
57) 1,3-Dichloropropane	10.95	76	231101	52.719	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	412892	265.800	ug/l	96
59) 2-Hexanone	10.98	43	267912	243.598	ug/l	93
60) Dibromochloromethane	11.14	129	201183	55.838	ug/l	98
61) 1,2-Dibromoethane	11.24	107	139189	53.595	ug/l	98
64) Tetrachloroethene	10.87	164	197835	51.837	ug/l	94
65) Chlorobenzene	11.67	112	540404	51.759	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	213944	53.870	ug/l	98
67) Ethyl Benzene	11.74	91	951079	53.165	ug/l	98
68) m/p-Xylenes	11.86	106	734418	105.343	ug/l	99
69) o-Xylene	12.18	106	336880	54.035	ug/l	94
70) Styrene	12.20	104	588323	54.955	ug/l	99
71) Bromoform	12.36	173	110022	53.369	ug/l #	99
73) Isopropylbenzene	12.48	105	932433	52.910	ug/l	99
74) N-amyl acetate	12.29	43	146218	46.154	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	140803	47.420	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	98109m	43.398	ug/l	
77) Bromobenzene	12.76	156	225627	53.022	ug/l	93
78) n-propylbenzene	12.83	91	1069776	51.364	ug/l	99
79) 2-Chlorotoluene	12.91	91	614966	51.607	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	798983	53.661	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	44849	49.460	ug/l	96
82) 4-Chlorotoluene	13.01	91	655366	51.692	ug/l	100
83) tert-Butylbenzene	13.23	119	686838	54.779	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	792340	53.323	ug/l	99
85) sec-Butylbenzene	13.41	105	919524	52.076	ug/l	98
86) p-Isopropyltoluene	13.52	119	849644	51.902	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	422956	51.028	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	428726	51.730	ug/l	98
89) n-Butylbenzene	13.85	91	763114	51.007	ug/l	100
90) Hexachloroethane	14.12	117	146449	51.072	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	373211	51.557	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	22910	47.865	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
Data File : VD067165.D
Acq On : 07 Oct 2020 21:57
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/8/2020 5:39:35 PM

Quant Time: Oct 08 08:33:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	252818	53.995	ug/l	98
94) Hexachlorobutadiene	15.28	225	150951	52.494	ug/l	99
95) Naphthalene	15.41	128	433852	55.552	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	222581	54.760	ug/l	96

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

