

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\
 Data File : VD067094.D
 Acq On : 05 Oct 2020 20:04
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 12:55:14 PM

Quant Time: Oct 06 08:07:56 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	379119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	603016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	560480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	277070	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	194338	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
35) Dibromofluoromethane	7.91	113	217330	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
50) Toluene-d8	10.34	98	776961	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
62) 4-Bromofluorobenzene	12.63	95	272385	55.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	175318	58.262	ug/l	96
3) Chloromethane	2.21	50	146400	48.489	ug/l	96
4) Vinyl Chloride	2.35	62	149312	49.321	ug/l	99
5) Bromomethane	2.77	94	115391	59.999	ug/l	98
6) Chloroethane	2.93	64	96758	52.482	ug/l	100
7) Trichlorofluoromethane	3.27	101	331126	49.230	ug/l	95
8) Diethyl Ether	3.71	74	90230	54.097	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	192345	50.595	ug/l	98
10) Methyl Iodide	4.30	142	193786	52.461	ug/l	99
11) Tert butyl alcohol	5.21	59	47539	215.412	ug/l	100
12) 1,1-Dichloroethene	4.07	96	181931	50.906	ug/l	91
13) Acrolein	3.93	56	59011	241.340	ug/l	98
14) Allyl chloride	4.71	41	243547	52.457	ug/l	99
15) Acrylonitrile	5.43	53	169124	275.504	ug/l	97
16) Acetone	4.16	43	141044	253.026	ug/l	98
17) Carbon Disulfide	4.41	76	560763	51.128	ug/l	99
18) Methyl Acetate	4.72	43	77692	55.454	ug/l	95
19) Methyl tert-butyl Ether	5.48	73	376079	57.644	ug/l	97
20) Methylene Chloride	4.97	84	225220	58.117	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	220031	54.099	ug/l	94
22) Diisopropyl ether	6.37	45	461263	54.420	ug/l	99
23) Vinyl Acetate	6.30	43	1356339	282.392	ug/l	99
24) 1,1-Dichloroethane	6.27	63	351083	53.671	ug/l	98
25) 2-Butanone	7.21	43	200385	253.554	ug/l	98
26) 2,2-Dichloropropane	7.21	77	294965	52.979	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	246057	56.646	ug/l	97
28) Bromochloromethane	7.55	49	139923	55.389	ug/l	94
29) Tetrahydrofuran	7.56	42	122041	268.566	ug/l	95
30) Chloroform	7.71	83	388789	54.790	ug/l	93
31) Cyclohexane	7.98	56	257894	47.026	ug/l	93
32) 1,1,1-Trichloroethane	7.90	97	349943	53.213	ug/l	98
36) 1,1-Dichloropropene	8.11	75	282936	50.338	ug/l	98
37) Ethyl Acetate	7.29	43	101612	52.184	ug/l	95
38) Carbon Tetrachloride	8.10	117	324749	53.399	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\
 Data File : VD067094.D
 Acq On : 05 Oct 2020 20:04
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 12:55:14 PM

Quant Time: Oct 06 08:07:56 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	313225	52.709	ug/l	96
40) Benzene	8.35	78	838956	53.738	ug/l	100
41) Methacrylonitrile	7.53	41	47617	45.265	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	231429	53.050	ug/l	99
43) Isopropyl Acetate	8.45	43	189670	52.875	ug/l	98
44) Trichloroethene	9.11	130	251619	53.974	ug/l	98
45) 1,2-Dichloropropane	9.38	63	201297	54.876	ug/l	100
46) Dibromomethane	9.47	93	117347	55.659	ug/l	98
47) Bromodichloromethane	9.66	83	305288	55.705	ug/l	95
48) Methyl methacrylate	9.46	41	90327	49.151	ug/l #	81
49) 1,4-Dioxane	9.46	88	21671	984.861	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	479732	268.494	ug/l	98
52) Toluene	10.40	92	550317	54.721	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	274605	56.064	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	325498	54.421	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	160937	54.905	ug/l	93
56) Ethyl methacrylate	10.66	69	178328	58.926	ug/l	97
57) 1,3-Dichloropropane	10.94	76	265275	55.809	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	480951	285.536	ug/l	99
59) 2-Hexanone	10.98	43	322696	270.593	ug/l	96
60) Dibromochloromethane	11.14	129	218709	55.982	ug/l	96
61) 1,2-Dibromoethane	11.24	107	157718	56.006	ug/l	97
64) Tetrachloroethene	10.87	164	214295	52.592	ug/l	94
65) Chlorobenzene	11.67	112	606887	54.443	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	237455	56.000	ug/l	97
67) Ethyl Benzene	11.74	91	1051979	55.078	ug/l	99
68) m/p-Xylenes	11.86	106	815165	109.515	ug/l	100
69) o-Xylene	12.18	106	375849	56.465	ug/l	97
70) Styrene	12.20	104	651853	57.031	ug/l	100
71) Bromoform	12.36	173	122061	55.456	ug/l #	99
73) Isopropylbenzene	12.48	105	1034664	54.996	ug/l	100
74) N-amyl acetate	12.29	43	176700	52.247	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	161998	51.107	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	107054m	44.359	ug/l	
77) Bromobenzene	12.76	156	247143	54.404	ug/l	98
78) n-propylbenzene	12.82	91	1183758	53.240	ug/l	98
79) 2-Chlorotoluene	12.91	91	682158	53.624	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	885706	55.722	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	49669	51.310	ug/l	97
82) 4-Chlorotoluene	13.01	91	722970	53.416	ug/l	99
83) tert-Butylbenzene	13.23	119	734033	54.839	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	883186	55.677	ug/l	99
85) sec-Butylbenzene	13.40	105	1025501	54.404	ug/l	100
86) p-Isopropyltoluene	13.52	119	951446	54.443	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	471523	53.289	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	464925	52.549	ug/l	100
89) n-Butylbenzene	13.85	91	843702	52.826	ug/l	99
90) Hexachloroethane	14.11	117	159057	51.959	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	410654	53.140	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	24679	48.299	ug/l	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\
Data File : VD067094.D
Acq On : 05 Oct 2020 20:04
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/6/2020 12:55:14 PM

Quant Time: Oct 06 08:07:56 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	277977	55.612	ug/l	99
94) Hexachlorobutadiene	15.28	225	163649	53.310	ug/l	98
95) Naphthalene	15.41	128	483457	57.987	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	243172	56.041	ug/l	98

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

