

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020520\
 Data File : VD065065.D
 Acq On : 05 Feb 2020 15:31
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 2/6/2020 10:37:20 AM

Quant Time: Feb 05 15:49:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:24:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	571243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	853152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	774990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	367392	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	752449	140.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	280.24%	
35) Dibromofluoromethane	7.92	113	730448	138.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	277.52%	
50) Toluene-d8	10.34	98	2917747	143.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	286.36%	
62) 4-Bromofluorobenzene	12.64	95	921754	146.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	644049	146.387	ug/l	99
3) Chloromethane	2.21	50	777675	125.565	ug/l	98
4) Vinyl Chloride	2.35	62	812832	115.149	ug/l	99
5) Bromomethane	2.75	94	542313	114.777	ug/l	99
6) Chloroethane	2.91	64	521082	112.927	ug/l	97
7) Trichlorofluoromethane	3.27	101	1187729	109.760	ug/l	99
8) Diethyl Ether	3.70	74	355389	141.177	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	696983	132.768	ug/l	99
10) Methyl Iodide	4.30	142	960518	171.740	ug/l	98
11) Tert butyl alcohol	5.26	59	211733	719.739	ug/l	98
12) 1,1-Dichloroethene	4.06	96	691143	138.020	ug/l	99
13) Acrolein	3.92	56	259393	690.365	ug/l	96
14) Allyl chloride	4.71	41	1216928	151.643	ug/l	100
15) Acrylonitrile	5.43	53	806835	740.463	ug/l	100
16) Acetone	4.17	43	899255	780.117	ug/l	99
17) Carbon Disulfide	4.40	76	2264359	137.849	ug/l	98
18) Methyl Acetate	4.73	43	369870	145.193	ug/l	99
19) Methyl tert-butyl Ether	5.49	73	1680960	151.768	ug/l	98
20) Methylene Chloride	4.96	84	761261	119.676	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	810278	141.376	ug/l	97
22) Diisopropyl ether	6.37	45	2361315	149.334	ug/l	98
23) Vinyl Acetate	6.31	43	6928689	756.018	ug/l	99
24) 1,1-Dichloroethane	6.27	63	1371904	141.424	ug/l	99
25) 2-Butanone	7.22	43	1117917	767.321	ug/l	98
26) 2,2-Dichloropropane	7.21	77	1187878	134.192	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	896498	146.161	ug/l	98
28) Bromochloromethane	7.55	49	553641	147.597	ug/l	99
29) Tetrahydrofuran	7.57	42	651244	721.555	ug/l	100
30) Chloroform	7.71	83	1377957	137.943	ug/l	98
31) Cyclohexane	7.99	56	1248431	129.885	ug/l	98
32) 1,1,1-Trichloroethane	7.91	97	1245479	133.919	ug/l	100
36) 1,1-Dichloropropene	8.11	75	1095839	133.423	ug/l	100
37) Ethyl Acetate	7.30	43	471086	139.372	ug/l	99
38) Carbon Tetrachloride	8.10	117	1131322	131.266	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020520\
 Data File : VD065065.D
 Acq On : 05 Feb 2020 15:31
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 2/6/2020 10:37:20 AM

Quant Time: Feb 05 15:49:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:24:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	1337954	138.163	ug/l	99
40) Benzene	8.36	78	3179283	140.683	ug/l	100
41) Methacrylonitrile	7.54	41	268422	150.855	ug/l #	92
42) 1,2-Dichloroethane	8.43	62	896593	134.205	ug/l	99
43) Isopropyl Acetate	8.46	43	929140	144.763	ug/l	99
44) Trichloroethene	9.11	130	873203	137.167	ug/l	95
45) 1,2-Dichloropropane	9.39	63	765456	139.376	ug/l	95
46) Dibromomethane	9.48	93	402756	135.385	ug/l	99
47) Bromodichloromethane	9.67	83	1059345	136.786	ug/l	100
48) Methyl methacrylate	9.46	41	441544	149.497	ug/l	99
49) 1,4-Dioxane	9.47	88	93913	2747.006	ug/l	99
51) 4-Methyl-2-Pentanone	10.24	43	2271653	711.756	ug/l	98
52) Toluene	10.41	92	2047451	140.377	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	1061656	143.848	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	1245767	143.576	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	548338	136.974	ug/l	96
56) Ethyl methacrylate	10.67	69	738217	153.672	ug/l	100
57) 1,3-Dichloropropane	10.95	76	964006	140.131	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	1075232	642.612	ug/l	99
59) 2-Hexanone	10.99	43	1666440	754.377	ug/l	99
60) Dibromochloromethane	11.14	129	724327	135.791	ug/l	99
61) 1,2-Dibromoethane	11.25	107	537398	139.098	ug/l	100
64) Tetrachloroethene	10.88	164	776783	138.204	ug/l	98
65) Chlorobenzene	11.68	112	2104789	133.445	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	796247	134.843	ug/l	99
67) Ethyl Benzene	11.75	91	3839768	137.344	ug/l	99
68) m/p-Xylenes	11.86	106	2951631	274.301	ug/l	98
69) o-Xylene	12.18	106	1355740	141.624	ug/l	100
70) Styrene	12.20	104	2393486	141.312	ug/l	100
71) Bromoform	12.37	173	430169	132.398	ug/l #	99
73) Isopropylbenzene	12.48	105	3549877	141.060	ug/l	99
74) N-amyl acetate	12.30	43	833797	148.940	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	562421	134.357	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	401165m	135.024	ug/l	
77) Bromobenzene	12.77	156	869414	141.606	ug/l	99
78) n-propylbenzene	12.83	91	4109021	137.420	ug/l	100
79) 2-Chlorotoluene	12.91	91	2333194	141.987	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	2933620	142.305	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	205195	144.039	ug/l	99
82) 4-Chlorotoluene	13.01	91	2458734	141.224	ug/l	100
83) tert-Butylbenzene	13.23	119	2534378	145.044	ug/l	97
84) 1,2,4-Trimethylbenzene	13.28	105	2930425	140.749	ug/l	100
85) sec-Butylbenzene	13.41	105	3367556	135.702	ug/l	99
86) p-Isopropyltoluene	13.53	119	3198708	138.387	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	1622006	138.010	ug/l	99
88) 1,4-Dichlorobenzene	13.61	146	1583544	135.777	ug/l	98
89) n-Butylbenzene	13.86	91	2891604	137.062	ug/l	98
90) Hexachloroethane	14.12	117	587844	132.187	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	1372200	137.620	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	91890	136.304	ug/l	94

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD020520\
Data File : VD065065.D
Acq On : 05 Feb 2020 15:31
Operator : VA/SY
Sample : VSTDICC150
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
2/6/2020 10:37:20 AM

Quant Time: Feb 05 15:49:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:24:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	972220	140.013	ug/l	100
94) Hexachlorobutadiene	15.28	225	569617	129.687	ug/l	100
95) Naphthalene	15.41	128	1706079	152.879	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	837073	140.242	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD020520\
 Data File : VD065065.D
 Acq On : 05 Feb 2020 15:31
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 2/6/2020 10:37:20 AM

Quant Time: Feb 05 15:49:05 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:24:15 2020
 Response via : Initial Calibration

