

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD120518\
 Data File : VD060495.D
 Acq On : 5 Dec 2018 16:30
 Operator : VA/AP
 Sample : VSTDIC150
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

apatel
 12/6/2018 10:53:56 AM

Quant Time: Dec 06 01:06:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 00:38:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1695515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	2423915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1847807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	884564	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.80	65	1587818	131.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	262.22%	
35) Dibromofluoromethane	6.33	113	2369262	132.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	264.62%	
50) Toluene-d8	9.46	98	6879980	130.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	261.68%	
62) 4-Bromofluorobenzene	12.43	95	2350613	123.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	247.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.60	85	2236116	142.918	ug/l	100
3) Chloromethane	1.78	50	2366352	145.654	ug/l	98
4) Vinyl Chloride	1.87	62	1930459	145.828	ug/l	98
5) Bromomethane	2.15	94	242966	76.239	ug/l	98
6) Chloroethane	2.26	64	376972	86.646	ug/l	95
7) Trichlorofluoromethane	2.52	101	1897844	121.385	ug/l	99
8) Diethyl Ether	2.84	74	392089	139.557	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.10	101	1290314	127.164	ug/l	99
10) Methyl Iodide	3.25	142	1719314	131.296	ug/l	95
11) Tert butyl alcohol	4.00	59	368119	742.081	ug/l	98
12) 1,1-Dichloroethene	3.09	96	1049969	127.107	ug/l	98
13) Acrolein	3.00	56	360874	622.763	ug/l	90
14) Allyl chloride	3.55	41	2163622	136.369	ug/l	98
15) Acrylonitrile	4.10	53	1928755	666.298	ug/l	96
16) Acetone	3.17	43	1373827	655.274	ug/l	98
17) Carbon Disulfide	3.32	76	3757094	140.059	ug/l	99
18) Methyl Acetate	3.57	43	603517	132.894	ug/l	99
19) Methyl tert-butyl Ether	4.14	73	3315493	134.509	ug/l	99
20) Methylene Chloride	3.74	84	2433403	129.187	ug/l	94
21) trans-1,2-Dichloroethene	4.11	96	2528537	137.168	ug/l	97
22) Diisopropyl ether	4.87	45	7822580	132.620	ug/l	98
23) Vinyl Acetate	4.82	43	19145002	649.911	ug/l	99
24) 1,1-Dichloroethane	4.77	63	4072595	134.173	ug/l	99
25) 2-Butanone	5.64	43	2746744	637.329	ug/l	99
26) 2,2-Dichloropropane	5.60	77	3058371	130.236	ug/l	97
27) cis-1,2-Dichloroethene	5.61	96	2606537	136.329	ug/l	97
28) Bromochloromethane	5.93	49	1766321	131.896	ug/l	97
29) Tetrahydrofuran	5.96	42	1518501	660.971	ug/l	97
30) Chloroform	6.11	83	4192592	138.149	ug/l	100
31) Cyclohexane	6.37	56	3556765	123.082	ug/l	99
32) 1,1,1-Trichloroethane	6.29	97	3451232	135.406	ug/l	98
36) 1,1-Dichloropropene	6.53	75	2974197	124.123	ug/l	97
37) Ethyl Acetate	5.71	43	1506500	137.277	ug/l #	99
38) Carbon Tetrachloride	6.51	117	2785109	125.997	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD120518\
 Data File : VD060495.D
 Acq On : 5 Dec 2018 16:30
 Operator : VA/AP
 Sample : VSTDIC150
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDIC150

Manual Integrations
 APPROVED

apatel
 12/6/2018 10:53:56 AM

Quant Time: Dec 06 01:06:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 00:38:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.05	83	3542088	128.890	ug/l	99
40) Benzene	6.81	78	7835681	128.510	ug/l	99
41) Methacrylonitrile	5.95	41	901864m	79.502	ug/l	
42) 1,2-Dichloroethane	6.90	62	2183098	137.601	ug/l	98
43) Isopropyl Acetate	8.35	43	1973842	144.408	ug/l #	98
44) Trichloroethene	7.74	130	2539606	137.294	ug/l	100
45) 1,2-Dichloropropane	8.11	63	2107236	137.362	ug/l	99
46) Dibromomethane	8.22	93	1226793	136.282	ug/l	96
47) Bromodichloromethane	8.50	83	2917076	138.089	ug/l	99
48) Methyl methacrylate	8.25	41	1107832	132.885	ug/l	98
49) 1,4-Dioxane	8.24	88	213702	2934.535	ug/l #	88
51) 4-Methyl-2-Pentanone	9.35	43	5700541	639.955	ug/l	98
52) Toluene	9.55	92	4984938	128.129	ug/l	99
53) t-1,3-Dichloropropene	9.93	75	2481763	139.676	ug/l	100
54) cis-1,3-Dichloropropene	9.11	75	3167455	137.846	ug/l	99
55) 1,1,2-Trichloroethane	10.18	97	1469223	130.413	ug/l	99
56) Ethyl methacrylate	10.03	69	1456653	141.595	ug/l	99
57) 1,3-Dichloropropane	10.39	76	2343752	137.052	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.93	63	3736664	603.673	ug/l	96
59) 2-Hexanone	10.50	43	4092803	648.278	ug/l	98
60) Dibromochloromethane	10.64	129	1957946	143.211	ug/l	100
61) 1,2-Dibromoethane	10.76	107	1614446	143.245	ug/l	99
64) Tetrachloroethene	10.26	164	2230887	134.861	ug/l	98
65) Chlorobenzene	11.31	112	5158508	129.225	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.42	131	1499024	114.829	ug/l	97
67) Ethyl Benzene	11.43	91	7061420	103.031	ug/l	98
68) m/p-Xylenes	11.57	106	5190544	205.821	ug/l	96
69) o-Xylene	11.93	106	2828361	116.205	ug/l	100
70) Styrene	11.96	104	4508652	114.033	ug/l	98
71) Bromoform	12.12	173	1345650	152.897	ug/l	98
73) Isopropylbenzene	12.28	105	7651317	118.317	ug/l	100
74) N-amyl acetate	12.14	43	2409094	146.154	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.56	83	1503571	143.652	ug/l	99
76) 1,2,3-Trichloropropane	12.60	75	1496008	141.977	ug/l	99
77) Bromobenzene	12.54	156	2226617	130.229	ug/l	98
78) n-propylbenzene	12.64	91	9014340	112.403	ug/l	96
79) 2-Chlorotoluene	12.71	91	5542276	125.543	ug/l	98
80) 1,3,5-Trimethylbenzene	12.80	105	5332156	106.980	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.35	75	464917	154.882	ug/l	97
82) 4-Chlorotoluene	12.82	91	5248824	106.235	ug/l	99
83) tert-Butylbenzene	13.05	119	6440303	116.062	ug/l	92
84) 1,2,4-Trimethylbenzene	13.09	105	5776277	115.676	ug/l	98
85) sec-Butylbenzene	13.22	105	7977894	117.752	ug/l	100
86) p-Isopropyltoluene	13.35	119	5944520	109.119	ug/l	96
87) 1,3-Dichlorobenzene	13.31	146	3639153	119.751	ug/l	93
88) 1,4-Dichlorobenzene	13.40	146	3528993	119.137	ug/l	97
89) n-Butylbenzene	13.65	91	5384876	96.589	ug/l	98
90) Hexachloroethane	13.86	117	1874404	143.021	ug/l	98
91) 1,2-Dichlorobenzene	13.67	146	2402985	96.469	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.23	75	204923	162.689	ug/l	79

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD120518\
Data File : VD060495.D
Acq On : 5 Dec 2018 16:30
Operator : VA/AP
Sample : VSTDICC150
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

apatel
12/6/2018 10:53:56 AM

Quant Time: Dec 06 01:06:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 00:38:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	2491128	126.253	ug/l	97
94) Hexachlorobutadiene	14.89	225	1764508	120.059	ug/l	98
95) Naphthalene	14.97	128	3606175	148.898	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	2184341	138.531	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD120518\
Data File : VD060495.D
Acq On : 5 Dec 2018 16:30
Operator : VA/AP
Sample : VSTDIC150
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
Client Sample ID :
VSTDIC150

Manual Integrations
APPROVED

apatel
12/6/2018 10:53:56 AM

Quant Time: Dec 06 01:06:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 00:38:17 2018
Response via : Initial Calibration

