

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070720\
 Data File : VD065925.D
 Acq On : 07 Jul 2020 15:55
 Operator : VA/SY
 Sample : VSTDIC150
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 12:05:27 PM

Quant Time: Jul 08 09:44:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:18:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	437481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	654813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	597060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	287584	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	508725	131.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	262.42%	
35) Dibromofluoromethane	7.91	113	547603	135.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	271.12%	
50) Toluene-d8	10.34	98	2014883	136.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	273.42%	
62) 4-Bromofluorobenzene	12.64	95	700218	138.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	276.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	477052	122.660	ug/l	98
3) Chloromethane	2.21	50	502817	130.416	ug/l	98
4) Vinyl Chloride	2.35	62	463170	130.837	ug/l	97
5) Bromomethane	2.75	94	275582	122.896	ug/l	95
6) Chloroethane	2.91	64	276635	130.726	ug/l	91
7) Trichlorofluoromethane	3.27	101	1012107	133.396	ug/l	99
8) Diethyl Ether	3.70	74	294387	141.431	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	609494	134.299	ug/l	99
10) Methyl Iodide	4.30	142	731811	169.789	ug/l	99
11) Tert butyl alcohol	5.23	59	167806	610.977	ug/l	99
12) 1,1-Dichloroethene	4.07	96	584774	137.924	ug/l	94
13) Acrolein	3.92	56	133428	583.303	ug/l	99
14) Allyl chloride	4.71	41	1012087	140.861	ug/l	100
15) Acrylonitrile	5.42	53	654678	718.364	ug/l	98
16) Acetone	4.15	43	604976	665.813	ug/l	99
17) Carbon Disulfide	4.41	76	1846134	136.657	ug/l	99
18) Methyl Acetate	4.71	43	283588	133.146	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	1296038	144.387	ug/l	99
20) Methylene Chloride	4.96	84	647950	100.386	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	658133	137.967	ug/l	99
22) Diisopropyl ether	6.36	45	1873613	138.760	ug/l	98
23) Vinyl Acetate	6.30	43	5517990	715.953	ug/l	100
24) 1,1-Dichloroethane	6.27	63	1110223	137.892	ug/l	99
25) 2-Butanone	7.21	43	824313	686.549	ug/l	99
26) 2,2-Dichloropropane	7.21	77	951872	135.141	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	715759	139.650	ug/l	99
28) Bromochloromethane	7.55	49	395450	130.017	ug/l	97
29) Tetrahydrofuran	7.56	42	529804	693.934	ug/l	99
30) Chloroform	7.71	83	1117564	136.917	ug/l	99
31) Cyclohexane	7.98	56	1030988	130.145	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	1033701	138.773	ug/l	99
36) 1,1-Dichloropropene	8.11	75	895176	138.417	ug/l	99
37) Ethyl Acetate	7.29	43	383737	141.613	ug/l	98
38) Carbon Tetrachloride	8.10	117	944307	136.228	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070720\
 Data File : VD065925.D
 Acq On : 07 Jul 2020 15:55
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 12:05:27 PM

Quant Time: Jul 08 09:44:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:18:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	1141728	143.796	ug/l	98
40) Benzene	8.35	78	2488173	139.264	ug/l	98
41) Methacrylonitrile	7.53	41	197545m	122.652	ug/l	
42) 1,2-Dichloroethane	8.43	62	693693	137.053	ug/l	100
43) Isopropyl Acetate	8.45	43	723772	143.496	ug/l	98
44) Trichloroethene	9.11	130	738376	140.656	ug/l	100
45) 1,2-Dichloropropane	9.39	63	632289	142.586	ug/l	100
46) Dibromomethane	9.48	93	320186	138.689	ug/l	98
47) Bromodichloromethane	9.67	83	874548	141.218	ug/l	100
48) Methyl methacrylate	9.46	41	376503	148.277	ug/l	98
49) 1,4-Dioxane	9.47	88	76985	2806.437	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	1794788	703.836	ug/l	99
52) Toluene	10.40	92	1591229	139.992	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	849379	145.866	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	1020125	144.983	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	445369	140.014	ug/l	97
56) Ethyl methacrylate	10.66	69	586536	150.971	ug/l	99
57) 1,3-Dichloropropane	10.95	76	776797	139.642	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	1312120	697.361	ug/l	99
59) 2-Hexanone	10.98	43	1235039	704.233	ug/l	99
60) Dibromochloromethane	11.14	129	614124	141.312	ug/l	100
61) 1,2-Dibromoethane	11.25	107	437362	137.906	ug/l	99
64) Tetrachloroethene	10.88	164	609595	140.395	ug/l	96
65) Chlorobenzene	11.67	112	1694261	140.813	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	639681	142.144	ug/l	98
67) Ethyl Benzene	11.75	91	3028592	141.689	ug/l	99
68) m/p-Xylenes	11.86	106	2317448	285.367	ug/l	98
69) o-Xylene	12.18	106	1065359	144.012	ug/l	100
70) Styrene	12.20	104	1824291	142.853	ug/l	99
71) Bromoform	12.36	173	356428	139.971	ug/l #	99
73) Isopropylbenzene	12.48	105	2917852	145.379	ug/l	98
74) N-amyl acetate	12.29	43	668331	148.394	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	469793	140.989	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	330850m	137.705	ug/l	
77) Bromobenzene	12.76	156	707515	145.340	ug/l	99
78) n-propylbenzene	12.82	91	3372913	143.340	ug/l	99
79) 2-Chlorotoluene	12.91	91	1904507	142.668	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	2376899	144.788	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	167306	149.016	ug/l	97
82) 4-Chlorotoluene	13.01	91	1978593	141.270	ug/l	99
83) tert-Butylbenzene	13.23	119	2065599	147.687	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	2335722	142.933	ug/l	99
85) sec-Butylbenzene	13.41	105	2858090	144.193	ug/l	99
86) p-Isopropyltoluene	13.52	119	2622331	144.644	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	1280314	140.553	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	1287149	141.637	ug/l	99
89) n-Butylbenzene	13.85	91	2459927	144.490	ug/l	99
90) Hexachloroethane	14.11	117	525394	143.710	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	1132924	142.299	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	78567	141.009	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070720\
Data File : VD065925.D
Acq On : 07 Jul 2020 15:55
Operator : VA/SY
Sample : VSTDICC150
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
7/8/2020 12:05:27 PM

Quant Time: Jul 08 09:44:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 09:18:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	836962	147.503	ug/l	99
94) Hexachlorobutadiene	15.27	225	496998	144.800	ug/l	99
95) Naphthalene	15.40	128	1475237	155.020	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	716598	146.414	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070720\
 Data File : VD065925.D
 Acq On : 07 Jul 2020 15:55
 Operator : VA/SY
 Sample : VSTDIC150
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 12:05:27 PM

Quant Time: Jul 08 09:44:07 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:18:56 2020
 Response via : Initial Calibration

