

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020320\
 Data File : VD065047.D
 Acq On : 03 Feb 2020 11:52
 Operator : VA/SY
 Sample : VD0203SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0203SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 11:21:14 AM

Quant Time: Feb 03 12:59:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	484434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	698623	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	621571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	296602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	237603	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
35) Dibromofluoromethane	7.92	113	233355	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
50) Toluene-d8	10.34	98	907064	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
62) 4-Bromofluorobenzene	12.64	95	282370	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	81774	22.407	ug/l	95
3) Chloromethane	2.21	50	113491	21.218	ug/l	96
4) Vinyl Chloride	2.35	62	125534	20.434	ug/l	96
5) Bromomethane	2.76	94	83009	20.087	ug/l	96
6) Chloroethane	2.92	64	82608	20.396	ug/l	97
7) Trichlorofluoromethane	3.27	101	197055	20.769	ug/l	99
8) Diethyl Ether	3.71	74	44602	20.824	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	99286	22.493	ug/l	97
10) Methyl Iodide	4.29	142	98512	21.025	ug/l	98
11) Tert butyl alcohol	5.25	59	27646m	107.663	ug/l	
12) 1,1-Dichloroethene	4.06	96	93602	22.197	ug/l	98
13) Acrolein	3.92	56	24698	76.724	ug/l	94
14) Allyl chloride	4.71	41	151230	22.486	ug/l	97
15) Acrylonitrile	5.43	53	99687	107.478	ug/l	99
16) Acetone	4.17	43	101441	91.420	ug/l	98
17) Carbon Disulfide	4.40	76	298504	21.509	ug/l	98
18) Methyl Acetate	4.72	43	50307	23.116	ug/l	100
19) Methyl tert-butyl Ether	5.49	73	198744	21.093	ug/l	92
20) Methylene Chloride	4.96	84	129264	25.467	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	108310	22.293	ug/l	98
22) Diisopropyl ether	6.37	45	297659	22.208	ug/l	96
23) Vinyl Acetate	6.31	43	806471	102.767	ug/l	99
24) 1,1-Dichloroethane	6.27	63	184758	22.451	ug/l	96
25) 2-Butanone	7.23	43	128960	102.725	ug/l	95
26) 2,2-Dichloropropane	7.21	77	167773	22.476	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	112030	21.604	ug/l	97
28) Bromochloromethane	7.56	49	57929	17.601	ug/l	100
29) Tetrahydrofuran	7.57	42	81521	105.246	ug/l	97
30) Chloroform	7.71	83	186079	21.874	ug/l	98
31) Cyclohexane	7.98	56	171113	21.136	ug/l #	91
32) 1,1,1-Trichloroethane	7.90	97	179260	22.651	ug/l	100
36) 1,1-Dichloropropene	8.11	75	150745	22.377	ug/l	99
37) Ethyl Acetate	7.30	43	61097	21.956	ug/l	99
38) Carbon Tetrachloride	8.10	117	157100	22.063	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020320\
 Data File : VD065047.D
 Acq On : 03 Feb 2020 11:52
 Operator : VA/SY
 Sample : VD0203SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0203SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 11:21:14 AM

Quant Time: Feb 03 12:59:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	173412	22.018	ug/l	94
40) Benzene	8.36	78	416289	22.437	ug/l	98
41) Methacrylonitrile	7.53	41	32071	21.395	ug/l	89
42) 1,2-Dichloroethane	8.43	62	123520	22.349	ug/l	100
43) Isopropyl Acetate	8.46	43	110094	20.829	ug/l	99
44) Trichloroethene	9.11	130	116726	22.479	ug/l	99
45) 1,2-Dichloropropane	9.39	63	102320	22.748	ug/l	99
46) Dibromomethane	9.48	93	55133	22.452	ug/l	94
47) Bromodichloromethane	9.67	83	143643	22.480	ug/l #	96
48) Methyl methacrylate	9.46	41	50423	20.730	ug/l	94
49) 1,4-Dioxane	9.47	88	11494	403.579	ug/l #	85
51) 4-Methyl-2-Pentanone	10.23	43	279058	105.512	ug/l	98
52) Toluene	10.41	92	267076	22.327	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	131721	21.641	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	154836	21.727	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	73664	22.270	ug/l	96
56) Ethyl methacrylate	10.67	69	83549	21.122	ug/l	96
57) 1,3-Dichloropropane	10.95	76	122931	21.668	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.95	63	128232	97.581	ug/l	97
59) 2-Hexanone	10.99	43	187564	102.814	ug/l	99
60) Dibromochloromethane	11.14	129	96105	21.738	ug/l	100
61) 1,2-Dibromoethane	11.26	107	68881	21.627	ug/l	97
64) Tetrachloroethene	10.88	164	101098	22.508	ug/l	96
65) Chlorobenzene	11.68	112	279327	22.133	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	102820	21.663	ug/l	99
67) Ethyl Benzene	11.75	91	499404	22.290	ug/l	99
68) m/p-Xylenes	11.86	106	383504	44.457	ug/l	99
69) o-Xylene	12.18	106	168622	22.025	ug/l	97
70) Styrene	12.20	104	296340	21.729	ug/l	98
71) Bromoform	12.37	173	57683	21.863	ug/l #	97
73) Isopropylbenzene	12.48	105	464279	22.902	ug/l	99
74) N-amyl acetate	12.30	43	97760	21.550	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	75135	22.052	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	54618m	22.186	ug/l	
77) Bromobenzene	12.77	156	113095	22.801	ug/l	100
78) n-propylbenzene	12.83	91	561121	23.275	ug/l	99
79) 2-Chlorotoluene	12.91	91	307085	23.219	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	381423	22.959	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	25081	21.754	ug/l	98
82) 4-Chlorotoluene	13.01	91	320140	22.825	ug/l	100
83) tert-Butylbenzene	13.23	119	323849	22.971	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	386717	22.979	ug/l	99
85) sec-Butylbenzene	13.41	105	455830	22.835	ug/l	100
86) p-Isopropyltoluene	13.53	119	419380	22.451	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	211984	22.274	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	215076	22.769	ug/l	99
89) n-Butylbenzene	13.86	91	387773	22.747	ug/l	99
90) Hexachloroethane	14.12	117	82754	22.973	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	185851	23.002	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.52	75	11143	20.436	ug/l	92

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD020320\
Data File : VD065047.D
Acq On : 03 Feb 2020 11:52
Operator : VA/SY
Sample : VD0203SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0203SBSD01

Manual Integrations
APPROVED

MMDadoda
2/4/2020 11:21:14 AM

Quant Time: Feb 03 12:59:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	123358	22.069	ug/l	97
94) Hexachlorobutadiene	15.28	225	77289	21.860	ug/l	97
95) Naphthalene	15.41	128	189613	21.019	ug/l	98
96) 1,2,3-Trichlorobenzene	15.61	180	106940	22.065	ug/l	99

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

