

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032420\
 Data File : VD065520.D
 Acq On : 24 Mar 2020 15:33
 Operator : VA/SY
 Sample : VD0324SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0324SBS01

Manual Integrations
 APPROVED

apatel
 3/25/2020 10:40:02 AM

Quant Time: Mar 25 02:35:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	444050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	631183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	582755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	301008	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	186399	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
35) Dibromofluoromethane	7.92	113	205122	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
50) Toluene-d8	10.34	98	763861	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.64	95	250481	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	73255	19.195	ug/l	95
3) Chloromethane	2.21	50	91180	19.790	ug/l	99
4) Vinyl Chloride	2.35	62	91264	20.082	ug/l	95
5) Bromomethane	2.77	94	58532	20.127	ug/l	96
6) Chloroethane	2.92	64	57725	20.739	ug/l	97
7) Trichlorofluoromethane	3.27	101	136265	20.349	ug/l	97
8) Diethyl Ether	3.71	74	40495	20.335	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	90103	20.892	ug/l	98
10) Methyl Iodide	4.29	142	85435	19.068	ug/l	98
11) Tert butyl alcohol	5.24	59	18510	84.719	ug/l #	91
12) 1,1-Dichloroethene	4.06	96	81656	19.773	ug/l	97
13) Acrolein	3.93	56	24084	63.916	ug/l	99
14) Allyl chloride	4.71	41	119269	18.800	ug/l	99
15) Acrylonitrile	5.43	53	85462	98.648	ug/l	99
16) Acetone	4.17	43	75662	98.218	ug/l	99
17) Carbon Disulfide	4.40	76	252608	18.368	ug/l	99
18) Methyl Acetate	4.73	43	39501	20.214	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	156574	19.715	ug/l	96
20) Methylene Chloride	4.96	84	99974	21.960	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	92634	20.164	ug/l	92
22) Diisopropyl ether	6.37	45	247543	20.990	ug/l	96
23) Vinyl Acetate	6.31	43	635192	97.004	ug/l	100
24) 1,1-Dichloroethane	6.27	63	157344	20.801	ug/l	98
25) 2-Butanone	7.22	43	100352	95.459	ug/l	97
26) 2,2-Dichloropropane	7.21	77	135670	20.524	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	96728	20.599	ug/l	98
28) Bromochloromethane	7.55	49	60776	20.082	ug/l	99
29) Tetrahydrofuran	7.57	42	64229	95.673	ug/l	99
30) Chloroform	7.71	83	160573	21.238	ug/l	98
31) Cyclohexane	7.98	56	139238	18.409	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	146322	20.942	ug/l	98
36) 1,1-Dichloropropene	8.11	75	126892	20.973	ug/l	99
37) Ethyl Acetate	7.30	43	46192	19.753	ug/l	97
38) Carbon Tetrachloride	8.10	117	132354	21.096	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032420\
 Data File : VD065520.D
 Acq On : 24 Mar 2020 15:33
 Operator : VA/SY
 Sample : VD0324SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0324SBS01

Manual Integrations
 APPROVED

apatel
 3/25/2020 10:40:02 AM

Quant Time: Mar 25 02:35:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	138733	18.985	ug/l	95
40) Benzene	8.36	78	359392	21.245	ug/l	99
41) Methacrylonitrile	7.54	41	25401m	20.539	ug/l	
42) 1,2-Dichloroethane	8.43	62	95134	21.537	ug/l	99
43) Isopropyl Acetate	8.46	43	83329	19.298	ug/l	97
44) Trichloroethene	9.12	130	104396	21.853	ug/l	96
45) 1,2-Dichloropropane	9.39	63	87537	21.363	ug/l	98
46) Dibromomethane	9.48	93	46758	21.999	ug/l	99
47) Bromodichloromethane	9.67	83	121035	21.889	ug/l	100
48) Methyl methacrylate	9.46	41	38151	18.783	ug/l	95
49) 1,4-Dioxane	9.47	88	10753	442.281	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	217704	100.191	ug/l	99
52) Toluene	10.41	92	228785	21.469	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	108577	21.012	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	132625	21.204	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	67116	22.295	ug/l	97
56) Ethyl methacrylate	10.67	69	66305	19.537	ug/l	99
57) 1,3-Dichloropropane	10.95	76	110118	21.619	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	111043	105.956	ug/l	97
59) 2-Hexanone	10.99	43	149717	99.535	ug/l	98
60) Dibromochloromethane	11.14	129	88182	22.852	ug/l	99
61) 1,2-Dibromoethane	11.25	107	62141	21.641	ug/l	98
64) Tetrachloroethene	10.88	164	89492	21.431	ug/l	96
65) Chlorobenzene	11.67	112	245183	21.261	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	94171	22.422	ug/l	97
67) Ethyl Benzene	11.75	91	408441	20.498	ug/l	99
68) m/p-Xylenes	11.86	106	330470	43.012	ug/l	99
69) o-Xylene	12.18	106	139979	20.712	ug/l	98
70) Styrene	12.20	104	256933	21.601	ug/l	99
71) Bromoform	12.37	173	51019	21.626	ug/l #	97
73) Isopropylbenzene	12.48	105	379858	19.186	ug/l	98
74) N-amyl acetate	12.30	43	73050	18.022	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	70627	20.294	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	45890m	19.320	ug/l	
77) Bromobenzene	12.77	156	103197	20.979	ug/l	98
78) n-propylbenzene	12.83	91	473744	20.167	ug/l	100
79) 2-Chlorotoluene	12.91	91	267020	20.169	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	328371	20.174	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	21806	19.374	ug/l	98
82) 4-Chlorotoluene	13.01	91	286389	20.585	ug/l	99
83) tert-Butylbenzene	13.23	119	268290	19.483	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	329876	20.560	ug/l	99
85) sec-Butylbenzene	13.41	105	388059	19.743	ug/l	99
86) p-Isopropyltoluene	13.53	119	365226	20.363	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	196437	20.771	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	195802	20.814	ug/l	99
89) n-Butylbenzene	13.86	91	321539	19.391	ug/l	99
90) Hexachloroethane	14.12	117	75550	20.454	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	170261	21.156	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.52	75	10161	19.171	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032420\
Data File : VD065520.D
Acq On : 24 Mar 2020 15:33
Operator : VA/SY
Sample : VD0324SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0324SBS01

Manual Integrations
APPROVED

apatel
3/25/2020 10:40:02 AM

Quant Time: Mar 25 02:35:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	113410	20.791	ug/l	97
94) Hexachlorobutadiene	15.28	225	74495	20.785	ug/l	98
95) Naphthalene	15.41	128	162783	19.675	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	99447	21.098	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032420\
Data File : VD065520.D
Acq On : 24 Mar 2020 15:33
Operator : VA/SY
Sample : VD0324SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0324SBS01

Manual Integrations
APPROVED

apatel
3/25/2020 10:40:02 AM

Quant Time: Mar 25 02:35:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

