

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066333.D
 Acq On : 20 Aug 2020 00:04
 Operator : VA/SY
 Sample : VD0819SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBS02

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 3:37:03 PM

Quant Time: Aug 20 08:01:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	201242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	300835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	279214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	144894	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	104677	58.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.60%	
35) Dibromofluoromethane	7.91	113	101804	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	
50) Toluene-d8	10.34	98	359790	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.63	95	132063	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	37433	21.113	ug/l	95
3) Chloromethane	2.21	50	29284	21.232	ug/l	95
4) Vinyl Chloride	2.34	62	26287	21.528	ug/l	93
5) Bromomethane	2.76	94	21104	26.051	ug/l	95
6) Chloroethane	2.92	64	17300	23.081	ug/l	94
7) Trichlorofluoromethane	3.27	101	70110	22.024	ug/l	95
8) Diethyl Ether	3.70	74	19138	21.306	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.10	101	39320	20.813	ug/l	98
10) Methyl Iodide	4.30	142	40811	27.254	ug/l	96
11) Tert butyl alcohol	5.21	59	16395	99.410	ug/l #	76
12) 1,1-Dichloroethene	4.06	96	35421	19.875	ug/l	94
13) Acrolein	3.92	56	7341	51.368	ug/l	98
14) Allyl chloride	4.71	41	52826	19.565	ug/l	90
15) Acrylonitrile	5.43	53	39454	104.235	ug/l	98
16) Acetone	4.16	43	32361	94.995	ug/l	89
17) Carbon Disulfide	4.41	76	106812	18.849	ug/l	96
18) Methyl Acetate	4.71	43	19026	21.988	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	90180	22.076	ug/l	96
20) Methylene Chloride	4.97	84	69687	34.141	ug/l	95
21) trans-1,2-Dichloroethene	5.48	96	42957	20.982	ug/l	92
22) Diisopropyl ether	6.37	45	108491	20.319	ug/l	92
23) Vinyl Acetate	6.31	43	310034	99.116	ug/l	96
24) 1,1-Dichloroethane	6.27	63	72561	21.959	ug/l	99
25) 2-Butanone	7.21	43	46726	93.256	ug/l	98
26) 2,2-Dichloropropane	7.20	77	64327	21.721	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	47711	22.218	ug/l	98
28) Bromochloromethane	7.55	49	26260	22.627	ug/l	91
29) Tetrahydrofuran	7.56	42	29085	93.692	ug/l	94
30) Chloroform	7.70	83	79387	22.880	ug/l	96
31) Cyclohexane	7.98	56	55579	17.670	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	74900	23.024	ug/l	99
36) 1,1-Dichloropropene	8.10	75	57755	20.430	ug/l	99
37) Ethyl Acetate	7.28	43	22930	20.472	ug/l	95
38) Carbon Tetrachloride	8.09	117	69570	22.068	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066333.D
 Acq On : 20 Aug 2020 00:04
 Operator : VA/SY
 Sample : VD0819SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBS02

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 3:37:03 PM

Quant Time: Aug 20 08:01:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	62512	18.293	ug/l	97
40) Benzene	8.35	78	163656	20.869	ug/l	98
41) Methacrylonitrile	7.51	41	10721	16.279	ug/l #	81
42) 1,2-Dichloroethane	8.42	62	55678	24.168	ug/l	97
43) Isopropyl Acetate	8.45	43	42459	19.239	ug/l	96
44) Trichloroethene	9.10	130	50600	21.412	ug/l	96
45) 1,2-Dichloropropane	9.38	63	38768	20.213	ug/l	99
46) Dibromomethane	9.47	93	24036	22.751	ug/l	95
47) Bromodichloromethane	9.66	83	62661	22.441	ug/l	92
48) Methyl methacrylate	9.45	41	20814	18.471	ug/l #	77
49) 1,4-Dioxane	9.46	88	5051	372.135	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	109768	96.833	ug/l	98
52) Toluene	10.40	92	111874	21.680	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	57574	21.727	ug/l	94
54) cis-1,3-Dichloropropene	10.08	75	63331	20.399	ug/l	93
55) 1,1,2-Trichloroethane	10.80	97	32527	21.381	ug/l	93
56) Ethyl methacrylate	10.66	69	38698	21.176	ug/l	97
57) 1,3-Dichloropropane	10.95	76	50875	20.144	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.94	63	90342	109.901	ug/l	97
59) 2-Hexanone	10.98	43	74497	93.640	ug/l	96
60) Dibromochloromethane	11.14	129	46439	22.111	ug/l	100
61) 1,2-Dibromoethane	11.24	107	31514	21.540	ug/l	98
64) Tetrachloroethene	10.87	164	44905	20.944	ug/l	95
65) Chlorobenzene	11.67	112	120108	21.190	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	49924	22.511	ug/l	95
67) Ethyl Benzene	11.74	91	207051	21.080	ug/l	99
68) m/p-Xylenes	11.85	106	160399	42.148	ug/l	93
69) o-Xylene	12.18	106	76760	22.173	ug/l	99
70) Styrene	12.20	104	132712	21.875	ug/l	98
71) Bromoform	12.36	173	28814	21.929	ug/l #	100
73) Isopropylbenzene	12.48	105	205639	21.261	ug/l	98
74) N-amyl acetate	12.29	43	40285	18.915	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	32782	19.877	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	22253m	18.417	ug/l	
77) Bromobenzene	12.76	156	54905	22.052	ug/l	96
78) n-propylbenzene	12.82	91	240594	21.399	ug/l	98
79) 2-Chlorotoluene	12.91	91	138168	21.487	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	176120	21.773	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	10987	20.100	ug/l	90
82) 4-Chlorotoluene	13.01	91	144926	21.350	ug/l	100
83) tert-Butylbenzene	13.23	119	153932	21.639	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	179637	22.191	ug/l	98
85) sec-Butylbenzene	13.40	105	200921	20.920	ug/l	97
86) p-Isopropyltoluene	13.52	119	192294	21.347	ug/l	97
87) 1,3-Dichlorobenzene	13.52	146	100207	21.414	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	98200	21.043	ug/l	98
89) n-Butylbenzene	13.84	91	165852	20.550	ug/l	99
90) Hexachloroethane	14.11	117	38483	21.420	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	88311	21.340	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6236	22.000	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081920\
Data File : VD066333.D
Acq On : 20 Aug 2020 00:04
Operator : VA/SY
Sample : VD0819SBS02
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02

Manual Integrations
APPROVED

MMDadoda
8/20/2020 3:37:03 PM

Quant Time: Aug 20 08:01:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	62930	20.635	ug/l	98
94) Hexachlorobutadiene	15.27	225	39269	21.866	ug/l	95
95) Naphthalene	15.41	128	100489	20.222	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	55508	20.618	ug/l	99

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

