

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066313.D
 Acq On : 19 Aug 2020 12:44
 Operator : VA/SY
 Sample : VD0819SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 3:36:50 PM

Quant Time: Aug 19 16:10:51 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	248493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	355043	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	328233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	170692	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	118108	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
35) Dibromofluoromethane	7.91	113	119688	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
50) Toluene-d8	10.34	98	433937	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
62) 4-Bromofluorobenzene	12.63	95	154274	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	47051	21.491	ug/l	98
3) Chloromethane	2.20	50	33086	19.428	ug/l	98
4) Vinyl Chloride	2.35	62	34277	22.734	ug/l	98
5) Bromomethane	2.76	94	22915	22.907	ug/l	88
6) Chloroethane	2.91	64	19774	21.365	ug/l #	82
7) Trichlorofluoromethane	3.27	101	85032	21.632	ug/l	95
8) Diethyl Ether	3.70	74	21222	19.134	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.09	101	47755	20.471	ug/l	97
10) Methyl Iodide	4.30	142	49539	26.906	ug/l	98
11) Tert butyl alcohol	5.21	59	20156	98.780	ug/l #	85
12) 1,1-Dichloroethene	4.06	96	43970	19.980	ug/l	88
13) Acrolein	3.91	56	10004	56.692	ug/l	99
14) Allyl chloride	4.71	41	61818	18.542	ug/l	90
15) Acrylonitrile	5.41	53	43264	92.567	ug/l	99
16) Acetone	4.16	43	39783	94.576	ug/l	93
17) Carbon Disulfide	4.41	76	128403	18.351	ug/l	99
18) Methyl Acetate	4.71	43	19786	18.518	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	99698	19.765	ug/l	96
20) Methylene Chloride	4.96	84	58907	21.749	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	49092	19.419	ug/l	97
22) Diisopropyl ether	6.36	45	124239	18.844	ug/l	94
23) Vinyl Acetate	6.30	43	360013	93.209	ug/l	98
24) 1,1-Dichloroethane	6.26	63	82482	20.215	ug/l	99
25) 2-Butanone	7.21	43	55299	89.380	ug/l	97
26) 2,2-Dichloropropane	7.20	77	82776	22.635	ug/l	94
27) cis-1,2-Dichloroethene	7.21	96	54218	20.447	ug/l	99
28) Bromochloromethane	7.55	49	30981	21.619	ug/l	97
29) Tetrahydrofuran	7.56	42	33810	88.203	ug/l	99
30) Chloroform	7.71	83	90917	21.221	ug/l	97
31) Cyclohexane	7.98	56	73477	18.918	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	88062	21.922	ug/l	98
36) 1,1-Dichloropropene	8.11	75	68126	20.419	ug/l	99
37) Ethyl Acetate	7.29	43	24413	18.468	ug/l #	94
38) Carbon Tetrachloride	8.10	117	82246	22.106	ug/l	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066313.D
 Acq On : 19 Aug 2020 12:44
 Operator : VA/SY
 Sample : VD0819SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0819SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 3:36:50 PM

Quant Time: Aug 19 16:10:51 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	79225	19.644	ug/l	97
40) Benzene	8.34	78	185412	20.033	ug/l	97
41) Methacrylonitrile	7.52	41	12078	15.540	ug/l #	82
42) 1,2-Dichloroethane	8.41	62	58056	21.353	ug/l	99
43) Isopropyl Acetate	8.44	43	48030	18.441	ug/l	96
44) Trichloroethene	9.10	130	58967	21.143	ug/l	100
45) 1,2-Dichloropropane	9.38	63	43636	19.277	ug/l	95
46) Dibromomethane	9.47	93	25015	20.063	ug/l	96
47) Bromodichloromethane	9.66	83	67086	20.358	ug/l #	88
48) Methyl methacrylate	9.45	41	25460	19.144	ug/l	92
49) 1,4-Dioxane	9.45	88	5618	350.713	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	122002	91.193	ug/l	97
52) Toluene	10.40	92	127038	20.860	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	63983	20.459	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	75434	20.587	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	35753	19.914	ug/l	98
56) Ethyl methacrylate	10.66	69	40278	18.675	ug/l #	95
57) 1,3-Dichloropropane	10.94	76	60775	20.390	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	97562	100.564	ug/l	95
59) 2-Hexanone	10.98	43	87003	92.663	ug/l	96
60) Dibromochloromethane	11.14	129	51006	20.578	ug/l	100
61) 1,2-Dibromoethane	11.24	107	35380	20.491	ug/l	99
64) Tetrachloroethene	10.87	164	50211	19.921	ug/l	95
65) Chlorobenzene	11.67	112	138626	20.805	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	54667	20.968	ug/l	99
67) Ethyl Benzene	11.74	91	242752	21.023	ug/l	99
68) m/p-Xylenes	11.85	106	186963	41.792	ug/l	96
69) o-Xylene	12.18	106	87122	21.408	ug/l	97
70) Styrene	12.20	104	150010	21.033	ug/l	98
71) Bromoform	12.36	173	30545	19.774	ug/l #	95
73) Isopropylbenzene	12.48	105	244265	21.438	ug/l	99
74) N-amyl acetate	12.29	43	45775	18.244	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	36928	19.007	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	30075m	21.128	ug/l	
77) Bromobenzene	12.76	156	61775	21.062	ug/l	96
78) n-propylbenzene	12.82	91	279313	21.088	ug/l	99
79) 2-Chlorotoluene	12.91	91	156002	20.594	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	203209	21.325	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	12448	19.331	ug/l	87
82) 4-Chlorotoluene	13.00	91	166385	20.807	ug/l	99
83) tert-Butylbenzene	13.23	119	173285	20.678	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	202215	21.205	ug/l	100
85) sec-Butylbenzene	13.40	105	240696	21.274	ug/l	99
86) p-Isopropyltoluene	13.52	119	231628	21.827	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	115934	21.031	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	113537	20.652	ug/l	98
89) n-Butylbenzene	13.85	91	200597	21.098	ug/l	100
90) Hexachloroethane	14.11	117	45317	21.412	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	101773	20.876	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7194	21.544	ug/l	92

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081920\
Data File : VD066313.D
Acq On : 19 Aug 2020 12:44
Operator : VA/SY
Sample : VD0819SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS01

Manual Integrations
APPROVED

MMDadoda
8/20/2020 3:36:50 PM

Quant Time: Aug 19 16:10:51 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	15.17	180	71184	19.813	ug/l	94
94) Hexachlorobutadiene	15.28	225	45435	21.476	ug/l	97
95) Naphthalene	15.41	128	113392	19.370	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	61669	19.444	ug/l	94

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

