

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082620\
 Data File : VD066413.D
 Acq On : 26 Aug 2020 11:53
 Operator : VA/SY
 Sample : VD0826SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/27/2020 3:08:31 PM

Quant Time: Aug 27 08:47:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	186547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	259627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	241077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	126935	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	108484	59.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.64%	
35) Dibromofluoromethane	7.91	113	91249	56.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.42%	
50) Toluene-d8	10.34	98	339407	57.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.28%	
62) 4-Bromofluorobenzene	12.63	95	122131	57.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	34461	21.729	ug/l	97
3) Chloromethane	2.21	50	20722	18.433	ug/l	90
4) Vinyl Chloride	2.35	62	24508	20.305	ug/l	94
5) Bromomethane	2.76	94	20703	22.932	ug/l	99
6) Chloroethane	2.92	64	14821	19.177	ug/l	93
7) Trichlorofluoromethane	3.27	101	72374	22.051	ug/l	93
8) Diethyl Ether	3.70	74	14161	19.257	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.09	101	31839	19.657	ug/l	91
10) Methyl Iodide	4.30	142	25792	13.961	ug/l	96
11) Tert butyl alcohol	5.20	59	18520m	161.029	ug/l	
12) 1,1-Dichloroethene	4.06	96	28953	19.043	ug/l	98
13) Acrolein	3.92	56	6200	76.341	ug/l	93
14) Allyl chloride	4.70	41	35679	17.581	ug/l	88
15) Acrylonitrile	5.42	53	29201	98.970	ug/l	97
16) Acetone	4.16	43	30452	92.357	ug/l	96
17) Carbon Disulfide	4.41	76	82183	17.836	ug/l	97
18) Methyl Acetate	4.73	43	10731	17.341	ug/l #	88
19) Methyl tert-butyl Ether	5.47	73	74282	20.290	ug/l	100
20) Methylene Chloride	4.96	84	37978	17.430	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	32899	18.589	ug/l	95
22) Diisopropyl ether	6.37	45	75662	19.257	ug/l	93
23) Vinyl Acetate	6.30	43	230285	94.675	ug/l	94
24) 1,1-Dichloroethane	6.26	63	53209	19.163	ug/l	96
25) 2-Butanone	7.20	43	35357	94.458	ug/l	92
26) 2,2-Dichloropropane	7.20	77	63533	21.349	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	37183	19.607	ug/l	100
28) Bromochloromethane	7.54	49	17322	18.111	ug/l #	93
29) Tetrahydrofuran	7.56	42	19172	90.176	ug/l	94
30) Chloroform	7.70	83	62947	19.594	ug/l	97
31) Cyclohexane	7.98	56	46401	18.272	ug/l #	92
32) 1,1,1-Trichloroethane	7.90	97	69853	21.245	ug/l	99
36) 1,1-Dichloropropene	8.10	75	47198	19.924	ug/l	97
37) Ethyl Acetate	7.29	43	15811	19.624	ug/l #	93
38) Carbon Tetrachloride	8.09	117	70189	22.742	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082620\
 Data File : VD066413.D
 Acq On : 26 Aug 2020 11:53
 Operator : VA/SY
 Sample : VD0826SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0826SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/27/2020 3:08:31 PM

Quant Time: Aug 27 08:47:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	55202	19.782	ug/l	92
40) Benzene	8.34	78	122796	19.704	ug/l	95
41) Methacrylonitrile	7.51	41	10133	20.394	ug/l #	97
42) 1,2-Dichloroethane	8.42	62	49431	22.521	ug/l	100
43) Isopropyl Acetate	8.44	43	31510	19.485	ug/l	98
44) Trichloroethene	9.11	130	41408	20.449	ug/l	99
45) 1,2-Dichloropropane	9.38	63	28103	19.892	ug/l #	86
46) Dibromomethane	9.47	93	19221	21.851	ug/l	93
47) Bromodichloromethane	9.66	83	52662	21.770	ug/l	98
48) Methyl methacrylate	9.45	41	15899	19.065	ug/l	97
49) 1,4-Dioxane	9.46	88	4053	396.806	ug/l #	94
51) 4-Methyl-2-Pentanone	10.23	43	74807	95.621	ug/l	98
52) Toluene	10.40	92	87060	20.620	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	46615	20.308	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	52437	20.352	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	22876	19.210	ug/l #	91
56) Ethyl methacrylate	10.66	69	28021	20.327	ug/l	97
57) 1,3-Dichloropropane	10.94	76	40180	20.398	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	63544	110.985	ug/l	94
59) 2-Hexanone	10.98	43	54949	99.577	ug/l	99
60) Dibromochloromethane	11.14	129	37007	20.617	ug/l	100
61) 1,2-Dibromoethane	11.24	107	23119	19.728	ug/l	99
64) Tetrachloroethene	10.87	164	38150	20.861	ug/l	92
65) Chlorobenzene	11.67	112	98969	20.635	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	40484	20.654	ug/l	98
67) Ethyl Benzene	11.74	91	173868	20.594	ug/l	96
68) m/p-Xylenes	11.86	106	133233	41.403	ug/l	97
69) o-Xylene	12.18	106	62189	20.774	ug/l	96
70) Styrene	12.20	104	106509	20.721	ug/l	97
71) Bromoform	12.36	173	24426	21.965	ug/l #	98
73) Isopropylbenzene	12.48	105	177281	20.848	ug/l	99
74) N-amyl acetate	12.29	43	29984	19.523	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	24200	19.922	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	17716m	19.839	ug/l	
77) Bromobenzene	12.76	156	44675	20.700	ug/l	97
78) n-propylbenzene	12.82	91	199277	20.439	ug/l	98
79) 2-Chlorotoluene	12.91	91	111799	20.077	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	155120	21.128	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	8856	21.051	ug/l	90
82) 4-Chlorotoluene	13.00	91	119509	20.257	ug/l	98
83) tert-Butylbenzene	13.23	119	129885	20.368	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	150627	20.888	ug/l	99
85) sec-Butylbenzene	13.40	105	170982	20.464	ug/l	99
86) p-Isopropyltoluene	13.52	119	170190	21.125	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	84820	21.054	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	81953	20.260	ug/l	96
89) n-Butylbenzene	13.84	91	143153	20.136	ug/l	100
90) Hexachloroethane	14.11	117	31350	19.699	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	72392	20.873	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5672	22.263	ug/l	86

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082620\
Data File : VD066413.D
Acq On : 26 Aug 2020 11:53
Operator : VA/SY
Sample : VD0826SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBS01

Manual Integrations
APPROVED

MMDadoda
8/27/2020 3:08:31 PM

Quant Time: Aug 27 08:47:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	55723	20.580	ug/l	98
94) Hexachlorobutadiene	15.27	225	34534	20.524	ug/l	96
95) Naphthalene	15.41	128	88491	20.809	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	47772	20.597	ug/l	98

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

