

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112320\
 Data File : VD067745.D
 Acq On : 23 Nov 2020 14:59
 Operator : VA/SY
 Sample : VD1123SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1123SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 2:56:39 PM

Quant Time: Nov 24 01:05:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	277885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	403475	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	369769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	190174	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	141939	52.53	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.06%
35) Dibromofluoromethane	7.91	113	130854	50.96	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.92%
50) Toluene-d8	10.34	98	485317	51.70	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.40%
62) 4-Bromofluorobenzene	12.64	95	168134	52.40	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.99	85	46553	19.251	ug/l 100
3) Chloromethane	2.21	50	30205	22.436	ug/l 94
4) Vinyl Chloride	2.35	62	33816	20.045	ug/l 100
5) Bromomethane	2.76	94	30341	21.110	ug/l 98
6) Chloroethane	2.92	64	22329	19.860	ug/l 97
7) Trichlorofluoromethane	3.27	101	106781	20.742	ug/l 91
8) Diethyl Ether	3.70	74	22414	21.565	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	4.10	101	50871	20.636	ug/l 97
10) Methyl Iodide	4.30	142	45243	17.931	ug/l 99
11) Tert butyl alcohol	5.21	59	20507m	123.211	ug/l
12) 1,1-Dichloroethene	4.07	96	46434	20.357	ug/l 93
13) Acrolein	3.93	56	11384	101.650	ug/l 91
14) Allyl chloride	4.71	41	44584	20.220	ug/l 95
15) Acrylonitrile	5.42	53	36586	101.065	ug/l 97
16) Acetone	4.16	43	34927	100.062	ug/l 96
17) Carbon Disulfide	4.41	76	137082	20.778	ug/l 97
18) Methyl Acetate	4.72	43	13853	19.727	ug/l 99
19) Methyl tert-butyl Ether	5.48	73	100908	20.699	ug/l 99
20) Methylene Chloride	4.96	84	60267	18.210	ug/l 95
21) trans-1,2-Dichloroethene	5.47	96	55596	21.438	ug/l 93
22) Diisopropyl ether	6.37	45	97604	22.425	ug/l 93
23) Vinyl Acetate	6.31	43	260783	106.216	ug/l 94
24) 1,1-Dichloroethane	6.26	63	80181	21.728	ug/l 97
25) 2-Butanone	7.21	43	41995	107.215	ug/l 90
26) 2,2-Dichloropropane	7.21	77	90362	20.757	ug/l 97
27) cis-1,2-Dichloroethene	7.21	96	57054	20.640	ug/l 97
28) Bromochloromethane	7.55	49	24629	20.836	ug/l 97
29) Tetrahydrofuran	7.56	42	23220	104.266	ug/l 95
30) Chloroform	7.71	83	101186	20.969	ug/l 94
31) Cyclohexane	7.99	56	67608	20.680	ug/l 90
32) 1,1,1-Trichloroethane	7.91	97	104293	20.408	ug/l 98
36) 1,1-Dichloropropene	8.12	75	71877	20.760	ug/l 100
37) Ethyl Acetate	7.29	43	19592	21.045	ug/l 97
38) Carbon Tetrachloride	8.10	117	100573	20.040	ug/l 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	84228	20.557	ug/l	97
40) Benzene	8.36	78	195693	20.580	ug/l	97
41) Methacrylonitrile	7.53	41	8862	18.641	ug/l #	64
42) 1,2-Dichloroethane	8.43	62	64815	20.089	ug/l	100
43) Isopropyl Acetate	8.46	43	38797	20.868	ug/l	97
44) Trichloroethene	9.11	130	64646	20.512	ug/l	96
45) 1,2-Dichloropropane	9.38	63	41748	21.397	ug/l	93
46) Dibromomethane	9.48	93	26765	20.149	ug/l	97
47) Bromodichloromethane	9.67	83	77353	20.912	ug/l	94
48) Methyl methacrylate	9.46	41	17566	18.899	ug/l	96
49) 1,4-Dioxane	9.46	88	5987	415.884	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	89067	101.809	ug/l	99
52) Toluene	10.41	92	137449	21.307	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	67747	20.963	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	76142	20.819	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	35784	20.077	ug/l	95
56) Ethyl methacrylate	10.66	69	38246	20.726	ug/l	96
57) 1,3-Dichloropropane	10.95	76	57958	20.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	83135	96.421	ug/l	96
59) 2-Hexanone	10.99	43	60500	97.949	ug/l	99
60) Dibromochloromethane	11.14	129	55835	20.558	ug/l	99
61) 1,2-Dibromoethane	11.25	107	36196	20.611	ug/l	98
64) Tetrachloroethene	10.88	164	57738	20.118	ug/l	88
65) Chlorobenzene	11.67	112	149944	20.632	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	62056	21.109	ug/l	98
67) Ethyl Benzene	11.75	91	261468	20.840	ug/l	99
68) m/p-Xylenes	11.86	106	206717	42.339	ug/l	100
69) o-Xylene	12.18	106	93601	21.056	ug/l	96
70) Styrene	12.20	104	161386	21.314	ug/l	99
71) Bromoform	12.36	173	32719	20.502	ug/l #	99
73) Isopropylbenzene	12.48	105	263031	21.021	ug/l	100
74) N-amyl acetate	12.29	43	34165	20.705	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	34967	20.823	ug/l	95
76) 1,2,3-Trichloropropane	12.78	75	29745m	22.442	ug/l	
77) Bromobenzene	12.77	156	65255	20.833	ug/l	97
78) n-propylbenzene	12.83	91	297301	21.356	ug/l	99
79) 2-Chlorotoluene	12.91	91	168386	20.430	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	229660	21.102	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	11654	20.565	ug/l	98
82) 4-Chlorotoluene	13.01	91	183485	20.893	ug/l	100
83) tert-Butylbenzene	13.23	119	188901	20.199	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	229652	21.124	ug/l	99
85) sec-Butylbenzene	13.40	105	257777	20.982	ug/l	100
86) p-Isopropyltoluene	13.52	119	251000	21.093	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	127911	21.101	ug/l	96
88) 1,4-Dichlorobenzene	13.60	146	123866	20.627	ug/l	98
89) n-Butylbenzene	13.84	91	210675	20.660	ug/l	100
90) Hexachloroethane	14.11	117	46790	20.655	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	108599	20.796	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6412	17.711	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	75337	20.375	ug/l	99
94) Hexachlorobutadiene	15.27	225	47537	20.122	ug/l	98
95) Naphthalene	15.40	128	119605	19.987	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	64901	20.607	ug/l	97

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

