

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052620\
 Data File : VD065758.D
 Acq On : 26 May 2020 13:28
 Operator : VA/SY
 Sample : VD0526SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0526SBS01

Quant Time: May 27 04:08:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 14:28:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	277572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	423184	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	383948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	185353	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	123737	55.32	ug/l	0.00
Spiked Amount			Recovery	=	110.64%	
35) Dibromofluoromethane	7.92	113	127758	53.29	ug/l	0.00
Spiked Amount			Recovery	=	106.58%	
50) Toluene-d8	10.34	98	476522	52.21	ug/l	0.00
Spiked Amount			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	12.64	95	161156	52.14	ug/l	0.00
Spiked Amount			Recovery	=	104.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	37737	20.722	ug/l	97
3) Chloromethane	2.21	50	58304	22.338	ug/l	98
4) Vinyl Chloride	2.35	62	65519	23.183	ug/l	98
5) Bromomethane	2.76	94	45347	24.285	ug/l	97
6) Chloroethane	2.91	64	45150	24.630	ug/l	98
7) Trichlorofluoromethane	3.27	101	87504	22.397	ug/l	99
8) Diethyl Ether	3.71	74	24115	21.481	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	54072	22.516	ug/l	96
10) Methyl Iodide	4.30	142	52732	21.019	ug/l	98
11) Tert butyl alcohol	5.21	59	21169m	78.856	ug/l	
12) 1,1-Dichloroethene	4.07	96	50452	22.150	ug/l	94
13) Acrolein	3.93	56	14039	102.880	ug/l	92
14) Allyl chloride	4.71	41	84536	21.465	ug/l	97
15) Acrylonitrile	5.43	53	53145	107.160	ug/l	98
16) Acetone	4.16	43	46990	102.417	ug/l	99
17) Carbon Disulfide	4.41	76	154628	21.494	ug/l #	94
18) Methyl Acetate	4.72	43	25848	22.544	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	113279	21.317	ug/l	97
20) Methylene Chloride	4.96	84	56625	21.876	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	58750	22.402	ug/l	95
22) Diisopropyl ether	6.37	45	166135	22.158	ug/l	95
23) Vinyl Acetate	6.31	43	453020	102.724	ug/l	99
24) 1,1-Dichloroethane	6.27	63	98134	22.354	ug/l	99
25) 2-Butanone	7.21	43	67313	102.633	ug/l	97
26) 2,2-Dichloropropane	7.21	77	88561	21.735	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	62112	21.612	ug/l	96
28) Bromochloromethane	7.56	49	38261	21.198	ug/l	96
29) Tetrahydrofuran	7.57	42	42772	102.859	ug/l	97
30) Chloroform	7.71	83	102052	23.002	ug/l	99
31) Cyclohexane	7.99	56	95599	21.513	ug/l #	95
32) 1,1,1-Trichloroethane	7.91	97	94790	22.807	ug/l	97
36) 1,1-Dichloropropene	8.12	75	81950	22.299	ug/l	98
37) Ethyl Acetate	7.30	43	31978	20.311	ug/l	98
38) Carbon Tetrachloride	8.10	117	85126	21.839	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	97829	20.771	ug/l	98
40) Benzene	8.36	78	222302	21.997	ug/l	99
41) Methacrylonitrile	7.54	41	19627m	22.635	ug/l	
42) 1,2-Dichloroethane	8.43	62	64441	22.902	ug/l	99
43) Isopropyl Acetate	8.46	43	62431	20.006	ug/l	99
44) Trichloroethene	9.11	130	61126	20.204	ug/l	83
45) 1,2-Dichloropropane	9.39	63	55195	22.152	ug/l	96
46) Dibromomethane	9.48	93	28805	21.440	ug/l	93
47) Bromodichloromethane	9.67	83	78914	22.440	ug/l	98
48) Methyl methacrylate	9.46	41	30707	20.963	ug/l	97
49) 1,4-Dioxane	9.46	88	5904	372.432	ug/l #	86
51) 4-Methyl-2-Pentanone	10.23	43	154613	103.533	ug/l	98
52) Toluene	10.41	92	142605	21.540	ug/l	96
53) t-1,3-Dichloropropene	10.63	75	72801	21.190	ug/l	93
54) cis-1,3-Dichloropropene	10.09	75	88349	21.619	ug/l	95
55) 1,1,2-Trichloroethane	10.81	97	39218	21.427	ug/l	95
56) Ethyl methacrylate	10.67	69	47679	19.987	ug/l	95
57) 1,3-Dichloropropane	10.95	76	66849	20.999	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	117867	106.203	ug/l	100
59) 2-Hexanone	10.99	43	106544	104.769	ug/l	93
60) Dibromochloromethane	11.14	129	53609	21.872	ug/l	100
61) 1,2-Dibromoethane	11.25	107	37691	20.619	ug/l	98
64) Tetrachloroethene	10.88	164	53488	20.147	ug/l	97
65) Chlorobenzene	11.68	112	154176	21.309	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	54492	20.117	ug/l	95
67) Ethyl Benzene	11.75	91	276520	21.434	ug/l	98
68) m/p-Xylenes	11.86	106	213607	43.352	ug/l	100
69) o-Xylene	12.18	106	96656	21.073	ug/l	95
70) Styrene	12.20	104	165712	21.170	ug/l	99
71) Bromoform	12.37	173	29360	19.638	ug/l #	96
73) Isopropylbenzene	12.48	105	270417	21.731	ug/l	98
74) N-amyl acetate	12.30	43	57963	20.062	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	42599	21.629	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	32865m	23.758	ug/l	
77) Bromobenzene	12.77	156	64771	21.595	ug/l	99
78) n-propylbenzene	12.83	91	319498	21.980	ug/l	99
79) 2-Chlorotoluene	12.91	91	177377	22.054	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	222948	21.745	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	13335	18.912	ug/l	92
82) 4-Chlorotoluene	13.01	91	185223	21.844	ug/l	99
83) tert-Butylbenzene	13.23	119	193545	21.288	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	221483	21.904	ug/l	97
85) sec-Butylbenzene	13.41	105	270815	21.891	ug/l	98
86) p-Isopropyltoluene	13.53	119	246665	21.692	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	120913	21.494	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	123054	21.961	ug/l	99
89) n-Butylbenzene	13.85	91	234688	22.072	ug/l	100
90) Hexachloroethane	14.12	117	46820	21.046	ug/l	92
91) 1,2-Dichlorobenzene	13.90	146	104113	21.397	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6831	20.741	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	75536	20.406	ug/l	98
94) Hexachlorobutadiene	15.27	225	44284	19.954	ug/l	98
95) Naphthalene	15.41	128	120168	19.518	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	64741	20.514	ug/l	100

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

