

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050120\
 Data File : VD065689.D
 Acq On : 01 May 2020 18:46
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: May 02 04:34:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050120S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 02 02:54:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	562990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	813711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	780715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	403675	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	121281	25.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.16%	
35) Dibromofluoromethane	7.92	113	112038	19.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.58%	
50) Toluene-d8	10.34	98	405551	27.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.76%	
62) 4-Bromofluorobenzene	12.64	95	128708	22.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	84436	18.305	ug/l	96
3) Chloromethane	2.21	50	133129	29.721	ug/l	95
4) Vinyl Chloride	2.34	62	151811	35.033	ug/l	97
5) Bromomethane	2.75	94	94737	59.745	ug/l	97
6) Chloroethane	2.91	64	96533	51.466	ug/l	98
7) Trichlorofluoromethane	3.27	101	183175	28.969	ug/l	99
8) Diethyl Ether	3.71	74	48071	28.369	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	110048	20.467	ug/l	96
10) Methyl Iodide	4.29	142	88616	14.162	ug/l	96
11) Tert butyl alcohol	5.21	59	49957m	189.198	ug/l	
12) 1,1-Dichloroethene	4.07	96	94683	20.553	ug/l	94
13) Acrolein	3.93	56	47216	154.650	ug/l	98
14) Allyl chloride	4.71	41	155688	23.566	ug/l	95
15) Acrylonitrile	5.43	53	115735	138.567	ug/l	97
16) Acetone	4.16	43	100471	96.485	ug/l	99
17) Carbon Disulfide	4.40	76	317161	23.357	ug/l	99
18) Methyl Acetate	4.71	43	63567	27.509	ug/l #	85
19) Methyl tert-butyl Ether	5.48	73	209611	22.204	ug/l	93
20) Methylene Chloride	4.96	84	141225	23.614	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	116901	21.977	ug/l	93
22) Diisopropyl ether	6.37	45	343963	22.812	ug/l	98
23) Vinyl Acetate	6.31	43	929467	116.650	ug/l	99
24) 1,1-Dichloroethane	6.27	63	210463	23.082	ug/l	99
25) 2-Butanone	7.21	43	146215	111.163	ug/l	99
26) 2,2-Dichloropropane	7.21	77	180558	22.812	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	120105	19.877	ug/l	96
28) Bromochloromethane	7.54	49	90338	25.638	ug/l	97
29) Tetrahydrofuran	7.57	42	95663	140.862	ug/l	96
30) Chloroform	7.71	83	221937	22.063	ug/l	95
31) Cyclohexane	7.99	56	177755	25.933	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	197151	22.541	ug/l	100
36) 1,1-Dichloropropene	8.11	75	161320	24.420	ug/l	95
37) Ethyl Acetate	7.30	43	68479	23.822	ug/l #	95
38) Carbon Tetrachloride	8.10	117	186201	23.105	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	166503	24.806	ug/l	97
40) Benzene	8.36	78	461269	27.391	ug/l	98
41) Methacrylonitrile	7.55	41	48807m	16.479	ug/l	
42) 1,2-Dichloroethane	8.43	62	150429	26.531	ug/l	99
43) Isopropyl Acetate	9.53	43	90142	22.025	ug/l #	96
44) Trichloroethene	9.11	130	124364	20.468	ug/l	91
45) 1,2-Dichloropropane	9.39	63	122121	28.512	ug/l	97
46) Dibromomethane	9.48	93	66861	23.053	ug/l	99
47) Bromodichloromethane	9.67	83	174909	24.827	ug/l	98
48) Methyl methacrylate	9.46	41	59010	23.857	ug/l	97
49) 1,4-Dioxane	9.47	88	13962	535.842	ug/l #	87
51) 4-Methyl-2-Pentanone	10.23	43	338936	130.241	ug/l	99
52) Toluene	10.41	92	293908	27.012	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	149179	25.095	ug/l	98
54) cis-1,3-Dichloropropene	10.10	75	176801	24.438	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	85637	24.415	ug/l	97
56) Ethyl methacrylate	10.67	69	87157	22.149	ug/l	96
57) 1,3-Dichloropropane	10.95	76	149566	26.882	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	223577	123.719	ug/l	98
59) 2-Hexanone	10.99	43	223217	116.905	ug/l	96
60) Dibromochloromethane	11.14	129	117998	21.144	ug/l	92
61) 1,2-Dibromoethane	11.25	107	81367	20.074	ug/l	97
64) Tetrachloroethene	10.88	164	114148	20.427	ug/l	96
65) Chlorobenzene	11.67	112	318448	21.223	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	125388	20.062	ug/l	94
67) Ethyl Benzene	11.75	91	531623	21.291	ug/l	96
68) m/p-Xylenes	11.86	106	416098	45.309	ug/l	96
69) o-Xylene	12.19	106	180790	21.781	ug/l	91
70) Styrene	12.20	104	329956	22.828	ug/l	97
71) Bromoform	12.37	173	71372	20.003	ug/l	97
73) Isopropylbenzene	12.48	105	493883	18.365	ug/l	99
74) N-amyl acetate	12.30	43	111369	16.401	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.74	83	95427	18.521	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	62797m	13.174	ug/l	
77) Bromobenzene	12.77	156	132639	17.510	ug/l	100
78) n-propylbenzene	12.83	91	610926	19.573	ug/l	98
79) 2-Chlorotoluene	12.91	91	348442	18.752	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	425351	19.598	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.54	75	29996	19.423	ug/l	95
82) 4-Chlorotoluene	13.01	91	378780	18.626	ug/l	99
83) tert-Butylbenzene	13.23	119	345468	14.552	ug/l	97
84) 1,2,4-Trimethylbenzene	13.28	105	437194	21.302	ug/l	100
85) sec-Butylbenzene	13.41	105	503485	18.830	ug/l	99
86) p-Isopropyltoluene	13.53	119	466831	19.518	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	256272	19.100	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	261275	20.803	ug/l	98
89) n-Butylbenzene	13.86	91	415581	19.116	ug/l	99
90) Hexachloroethane	14.12	117	105197	16.974	ug/l	94
91) 1,2-Dichlorobenzene	13.90	146	225068	20.142	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.52	75	15615	21.899	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	144809	23.494	ug/l	95
94) Hexachlorobutadiene	15.28	225	98953	22.093	ug/l	90
95) Naphthalene	15.41	128	206800	20.711	ug/l	98
96) 1,2,3-Trichlorobenzene	15.61	180	124261	32.146	ug/l	94

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

