

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050120\
 Data File : VD065688.D
 Acq On : 01 May 2020 18:19
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: May 02 05:09:12 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	531650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	779412	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	742156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	382869	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	60757	13.57	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	27.14%	
35) Dibromofluoromethane	7.91	113	52916	9.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	19.52%	
50) Toluene-d8	10.34	98	181786	12.81	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	25.62%	
62) 4-Bromofluorobenzene	12.64	95	59225	10.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	21.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.98	85	42254	9.700	ug/l	93
3) Chloromethane	2.21	50	67871	16.045	ug/l	97
4) Vinyl Chloride	2.34	62	75665	18.490	ug/l	96
5) Bromomethane	2.77	94	47982	32.043	ug/l	96
6) Chloroethane	2.92	64	49029	27.681	ug/l	93
7) Trichlorofluoromethane	3.27	101	93873	15.721	ug/l	98
8) Diethyl Ether	3.71	74	22715	14.196	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.08	101	54470	10.728	ug/l	87
10) Methyl Iodide	4.30	142	36783	6.225	ug/l #	90
11) Tert butyl alcohol	5.21	59	20212m	81.059	ug/l	
12) 1,1-Dichloroethene	4.06	96	45654	10.494	ug/l	96
13) Acrolein	3.93	56	20722	71.873	ug/l #	82
14) Allyl chloride	4.71	41	74679	11.970	ug/l	97
15) Acrylonitrile	5.43	53	55613	70.509	ug/l	96
16) Acetone	4.16	43	51941	52.821	ug/l	98
17) Carbon Disulfide	4.41	76	159267	12.420	ug/l	97
18) Methyl Acetate	4.71	43	31010	14.211	ug/l	93
19) Methyl tert-butyl Ether	5.48	73	89890	10.083	ug/l	96
20) Methylene Chloride	4.97	84	82832	14.667	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	54594	10.868	ug/l	92
22) Diisopropyl ether	6.37	45	147226	10.340	ug/l	96
23) Vinyl Acetate	6.31	43	393003	52.230	ug/l	96
24) 1,1-Dichloroethane	6.27	63	101763	11.819	ug/l	99
25) 2-Butanone	7.21	43	70930	57.105	ug/l	93
26) 2,2-Dichloropropane	7.21	77	89634	11.992	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	56322	9.870	ug/l	80
28) Bromochloromethane	7.55	49	44114	13.258	ug/l	95
29) Tetrahydrofuran	7.57	42	41437	64.612	ug/l	99
30) Chloroform	7.71	83	110299	11.612	ug/l	98
31) Cyclohexane	7.98	56	85970	13.281	ug/l #	86
32) 1,1,1-Trichloroethane	7.91	97	96322	11.662	ug/l	98
36) 1,1-Dichloropropene	8.12	75	78992	12.484	ug/l	97
37) Ethyl Acetate	7.28	43	31813	11.554	ug/l #	94
38) Carbon Tetrachloride	8.10	117	91629	11.870	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	76839	11.952	ug/l	95
40) Benzene	8.35	78	222699	13.806	ug/l	99
41) Methacrylonitrile	7.53	41	17183	6.057	ug/l #	84
42) 1,2-Dichloroethane	8.43	62	76336	14.056	ug/l	99
43) Isopropyl Acetate	9.52	43	40583	10.352	ug/l #	97
44) Trichloroethene	9.11	130	62400	10.722	ug/l	100
45) 1,2-Dichloropropane	9.39	63	58385	14.231	ug/l #	87
46) Dibromomethane	9.48	93	30921	11.131	ug/l	96
47) Bromodichloromethane	9.66	83	84718	12.554	ug/l #	90
48) Methyl methacrylate	9.46	41	25364	10.706	ug/l	95
49) 1,4-Dioxane	9.47	88	6071	243.250	ug/l #	61
51) 4-Methyl-2-Pentanone	10.23	43	153147	61.439	ug/l	100
52) Toluene	10.41	92	130493	12.521	ug/l	85
53) t-1,3-Dichloropropene	10.63	75	69842	12.266	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	80100	11.559	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	42770	12.730	ug/l	94
56) Ethyl methacrylate	10.66	69	38212	10.138	ug/l	95
57) 1,3-Dichloropropane	10.95	76	70787	13.283	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.95	63	96152	55.548	ug/l	93
59) 2-Hexanone	10.99	43	96059	52.523	ug/l	96
60) Dibromochloromethane	11.14	129	55348	10.354	ug/l	99
61) 1,2-Dibromoethane	11.25	107	38283	9.860	ug/l	96
64) Tetrachloroethene	10.88	164	54901	10.335	ug/l	98
65) Chlorobenzene	11.67	112	148820	10.433	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	59575	10.027	ug/l	91
67) Ethyl Benzene	11.75	91	237136	9.991	ug/l	98
68) m/p-Xylenes	11.86	106	181537	20.795	ug/l	99
69) o-Xylene	12.18	106	74982	9.503	ug/l	92
70) Styrene	12.20	104	133921	9.747	ug/l	95
71) Bromoform	12.37	173	33961	10.012	ug/l	99
73) Isopropylbenzene	12.48	105	208603	8.178	ug/l	96
74) N-amyl acetate	12.30	43	48806	7.578	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.74	83	44651	9.137	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	30000m	6.635	ug/l	
77) Bromobenzene	12.77	156	59814	8.325	ug/l	89
78) n-propylbenzene	12.83	91	263145	8.889	ug/l	100
79) 2-Chlorotoluene	12.91	91	157284	8.924	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	184656	8.970	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	12747	8.703	ug/l	100
82) 4-Chlorotoluene	13.01	91	169228	8.774	ug/l	96
83) tert-Butylbenzene	13.23	119	150956	6.704	ug/l	97
84) 1,2,4-Trimethylbenzene	13.28	105	179606	9.227	ug/l	99
85) sec-Butylbenzene	13.41	105	218359	8.610	ug/l	95
86) p-Isopropyltoluene	13.53	119	195957	8.638	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	118604	9.320	ug/l	94
88) 1,4-Dichlorobenzene	13.60	146	123417	10.361	ug/l	98
89) n-Butylbenzene	13.85	91	182715	8.862	ug/l	96
90) Hexachloroethane	14.12	117	49441	8.411	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	105295	9.935	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7915	11.703	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	59665	10.206	ug/l	97
94) Hexachlorobutadiene	15.28	225	48080	11.318	ug/l	91
95) Naphthalene	15.41	128	83481	8.815	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	53435	14.575	ug/l	96

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

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