

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042920\
 Data File : VD065680.D
 Acq On : 29 Apr 2020 14:02
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Apr 30 07:27:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042920S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 30 07:01:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	563032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	828491	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	792876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	425722	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	52938	10.49	ug/l	0.00
Spiked Amount			Recovery	=	20.98%	
35) Dibromofluoromethane	7.93	113	59155	10.44	ug/l	0.00
Spiked Amount			Recovery	=	20.88%	
50) Toluene-d8	10.34	98	195430	10.05	ug/l	0.00
Spiked Amount			Recovery	=	20.10%	
62) 4-Bromofluorobenzene	12.64	95	60523	9.63	ug/l	0.00
Spiked Amount			Recovery	=	19.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	34251	11.510	ug/l	97
3) Chloromethane	2.21	50	62390	10.841	ug/l	96
4) Vinyl Chloride	2.35	62	97435	10.528	ug/l	92
5) Bromomethane	2.77	94	89930	10.385	ug/l	96
6) Chloroethane	2.93	64	70533	10.352	ug/l	99
7) Trichlorofluoromethane	3.27	101	191085	10.387	ug/l	95
8) Diethyl Ether	3.71	74	53935	10.417	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.08	101	127475	14.377	ug/l	97
10) Methyl Iodide	4.28	142	34213	9.061	ug/l	94
11) Tert butyl alcohol	5.26	59	8988	48.553	ug/l	100
12) 1,1-Dichloroethene	4.06	96	122139	14.030	ug/l	94
13) Acrolein	3.91	56	37445	61.480	ug/l	96
14) Allyl chloride	4.71	41	42133	9.652	ug/l	93
15) Acrylonitrile	5.43	53	37957	51.974	ug/l	99
16) Acetone	4.16	43	58919	71.665	ug/l	93
17) Carbon Disulfide	4.39	76	149483	10.439	ug/l	99
18) Methyl Acetate	4.73	43	19266	10.644	ug/l	99
19) Methyl tert-butyl Ether	5.49	73	79066	9.801	ug/l	99
20) Methylene Chloride	4.96	84	62059	10.388	ug/l	95
21) trans-1,2-Dichloroethene	5.46	96	52663	9.902	ug/l	93
22) Diisopropyl ether	6.37	45	91986	9.774	ug/l	97
23) Vinyl Acetate	6.31	43	236188m	55.090	ug/l	
24) 1,1-Dichloroethane	6.26	63	85644	10.252	ug/l	97
25) 2-Butanone	7.23	43	43843	52.704	ug/l	96
26) 2,2-Dichloropropane	7.21	77	84646	10.418	ug/l	94
27) cis-1,2-Dichloroethene	7.21	96	52938	9.624	ug/l	92
28) Bromochloromethane	7.55	49	33055	10.657	ug/l	97
29) Tetrahydrofuran	7.57	42	23724	49.276	ug/l	94
30) Chloroform	7.71	83	101987	10.092	ug/l	97
31) Cyclohexane	7.99	56	69073	9.763	ug/l #	88
32) 1,1,1-Trichloroethane	7.91	97	94707	10.139	ug/l	98
36) 1,1-Dichloropropene	8.11	75	71228	9.732	ug/l	98
37) Ethyl Acetate	7.31	43	19301	9.797	ug/l #	84
38) Carbon Tetrachloride	8.09	117	91415	9.887	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	72390	9.332	ug/l	93
40) Benzene	8.35	78	203110	9.816	ug/l	96
41) Methacrylonitrile	7.52	41	9188m	7.508	ug/l	
42) 1,2-Dichloroethane	8.43	62	59912	10.017	ug/l	97
43) Isopropyl Acetate	8.46	43	37002	9.996	ug/l #	80
44) Trichloroethene	9.11	130	64079	10.023	ug/l	94
45) 1,2-Dichloropropane	9.39	63	45689	9.767	ug/l #	86
46) Dibromomethane	9.48	93	31094	10.266	ug/l	97
47) Bromodichloromethane	9.67	83	81472	10.176	ug/l	98
48) Methyl methacrylate	9.46	41	15969	9.852	ug/l	96
49) 1,4-Dioxane	9.47	88	6186	208.963	ug/l #	87
51) 4-Methyl-2-Pentanone	10.24	43	95219	50.754	ug/l	93
52) Toluene	10.41	92	128796	9.509	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	59828	9.654	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	74707	10.083	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	44232	10.506	ug/l	97
56) Ethyl methacrylate	10.67	69	30488	9.537	ug/l	92
57) 1,3-Dichloropropane	10.96	76	63216	10.010	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.95	63	78414	48.493	ug/l	100
59) 2-Hexanone	10.99	43	58769	49.329	ug/l	91
60) Dibromochloromethane	11.14	129	58442	10.429	ug/l	97
61) 1,2-Dibromoethane	11.26	107	39162	10.098	ug/l	98
64) Tetrachloroethene	10.88	164	53764	9.768	ug/l	98
65) Chlorobenzene	11.68	112	155459	9.862	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	59742	10.038	ug/l	96
67) Ethyl Benzene	11.75	91	228433	9.325	ug/l	100
68) m/p-Xylenes	11.86	106	185271	18.913	ug/l	97
69) o-Xylene	12.19	106	76135	9.230	ug/l	100
70) Styrene	12.20	104	135805	9.243	ug/l	99
71) Bromoform	12.37	173	33077	9.952	ug/l #	99
73) Isopropylbenzene	12.48	105	206732	9.328	ug/l	99
74) N-amyl acetate	12.29	43	31086	10.151	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.74	83	45129	10.212	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	33788m	7.030	ug/l	
77) Bromobenzene	12.77	156	63007	10.135	ug/l	98
78) n-propylbenzene	12.83	91	254929	9.302	ug/l	100
79) 2-Chlorotoluene	12.91	91	150884	9.723	ug/l	97
80) 1,3,5-Trimethylbenzene	12.97	105	180892	9.367	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	12105	10.070	ug/l	95
82) 4-Chlorotoluene	13.01	91	162209	9.656	ug/l	99
83) tert-Butylbenzene	13.23	119	144493	9.063	ug/l	96
84) 1,2,4-Trimethylbenzene	13.28	105	178156	9.335	ug/l	98
85) sec-Butylbenzene	13.41	105	222460	9.577	ug/l	98
86) p-Isopropyltoluene	13.53	119	197240	9.207	ug/l	97
87) 1,3-Dichlorobenzene	13.53	146	126565	9.953	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	131819	9.986	ug/l	98
89) n-Butylbenzene	13.85	91	179788	9.292	ug/l	98
90) Hexachloroethane	14.12	117	53333	10.038	ug/l	92
91) 1,2-Dichlorobenzene	13.90	146	106028	9.666	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7357	11.250	ug/l	76

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	58187	9.308	ug/l	98
94) Hexachlorobutadiene	15.28	225	45029	9.691	ug/l	99
95) Naphthalene	15.41	128	80456	9.060	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.60	180	53634	9.589	ug/l	98

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

