

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060519\
 Data File : VD062613.D
 Acq On : 5 Jun 2019 15:13
 Operator : FY/SY
 Sample : VSTDIC020
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 06 05:29:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 06 05:23:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	812502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1060782	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	940232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	507286	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	219026	19.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.30%	
35) Dibromofluoromethane	6.93	113	216040	20.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.08%	
50) Toluene-d8	10.41	98	472424	20.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.68%	
62) 4-Bromofluorobenzene	13.56	95	220993	20.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	208028	20.699	ug/l	96
3) Chloromethane	1.75	50	160853	20.501	ug/l	96
4) Vinyl Chloride	1.85	62	153133	19.902	ug/l	92
5) Bromomethane	2.16	94	63241	16.734	ug/l #	95
6) Chloroethane	2.26	64	64621	16.641	ug/l	93
7) Trichlorofluoromethane	2.53	101	315587	18.373	ug/l	94
8) Diethyl Ether	2.87	74	40079	17.954	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.15	101	190156	19.690	ug/l	96
10) Methyl Iodide	3.31	142	224332	18.149	ug/l	99
11) Tert butyl alcohol	4.10	59	45310	90.790	ug/l #	95
12) 1,1-Dichloroethene	3.13	96	131391	18.565	ug/l	95
13) Acrolein	3.04	56	19323	109.487	ug/l	90
14) Allyl chloride	3.63	41	208932	19.370	ug/l	87
15) Acrylonitrile	4.21	53	104706	96.242	ug/l	90
16) Acetone	3.23	43	168957	84.359	ug/l	96
17) Carbon Disulfide	3.38	76	368826	17.883	ug/l	97
18) Methyl Acetate	3.65	43	73539	20.648	ug/l	97
19) Methyl tert-butyl Ether	4.25	73	323363	18.843	ug/l	98
20) Methylene Chloride	3.82	84	142840	18.323	ug/l	99
21) trans-1,2-Dichloroethene	4.22	96	146411	18.976	ug/l	97
22) Diisopropyl ether	5.14	45	421846	18.514	ug/l #	99
23) Vinyl Acetate	5.07	43	1285830	92.762	ug/l	100
24) 1,1-Dichloroethane	5.00	63	269966	18.805	ug/l	99
25) 2-Butanone	6.09	43	171670	90.231	ug/l #	91
26) 2,2-Dichloropropane	6.03	77	303906	19.373	ug/l	100
27) cis-1,2-Dichloroethene	6.04	96	156745	18.849	ug/l	87
28) Bromochloromethane	6.45	49	93286	17.176	ug/l	89
29) Tetrahydrofuran	6.48	42	78064	88.388	ug/l	96
30) Chloroform	6.67	83	339979	19.041	ug/l	98
31) Cyclohexane	6.97	56	168730	18.385	ug/l #	90
32) 1,1,1-Trichloroethane	6.88	97	352691	19.511	ug/l	98
36) 1,1-Dichloropropene	7.16	75	216458	18.979	ug/l	98
37) Ethyl Acetate	6.20	43	90909	19.752	ug/l #	89
38) Carbon Tetrachloride	7.12	117	327041	18.917	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	189354	19.419	ug/l	95
40) Benzene	7.46	78	442831	19.659	ug/l	97
41) Methacrylonitrile	6.46	41	113161	18.986	ug/l #	97
42) 1,2-Dichloroethane	7.59	62	262433	19.793	ug/l	96
43) Isopropyl Acetate	9.25	43	119741	18.929	ug/l #	97
44) Trichloroethene	8.55	130	176622	19.335	ug/l	96
45) 1,2-Dichloropropane	8.95	63	112968	20.028	ug/l	98
46) Dibromomethane	9.08	93	93185	18.989	ug/l #	87
47) Bromodichloromethane	9.38	83	250571	18.958	ug/l	96
48) Methyl methacrylate	9.13	41	82149	19.095	ug/l	98
49) 1,4-Dioxane	9.10	88	13708	401.493	ug/l	99
51) 4-Methyl-2-Pentanone	10.31	43	389013	94.444	ug/l	98
52) Toluene	10.51	92	286962	19.207	ug/l	99
53) t-1,3-Dichloropropene	10.92	75	212414	19.355	ug/l	99
54) cis-1,3-Dichloropropene	10.05	75	223742	20.020	ug/l	97
55) 1,1,2-Trichloroethane	11.20	97	98389	19.195	ug/l	91
56) Ethyl methacrylate	11.04	69	105242	18.422	ug/l	93
57) 1,3-Dichloropropane	11.42	76	147762	18.463	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.86	63	329277	112.380	ug/l	95
59) 2-Hexanone	11.54	43	291930	93.471	ug/l	98
60) Dibromochloromethane	11.69	129	187291	18.699	ug/l	90
61) 1,2-Dibromoethane	11.81	107	119518	19.037	ug/l	92
64) Tetrachloroethene	11.26	164	149872	17.650	ug/l #	90
65) Chlorobenzene	12.40	112	358191	18.334	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.52	131	178172	18.971	ug/l	94
67) Ethyl Benzene	12.53	91	653533	18.507	ug/l	97
68) m/p-Xylenes	12.67	106	441090	35.811	ug/l	99
69) o-Xylene	13.05	106	216049	18.204	ug/l	96
70) Styrene	13.07	104	366483	18.381	ug/l	90
71) Bromoform	13.24	173	120750	18.615	ug/l	97
73) Isopropylbenzene	13.41	105	705364	19.997	ug/l	98
74) N-amyl acetate	13.27	43	172668	18.958	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	110448	18.679	ug/l #	95
76) 1,2,3-Trichloropropane	13.74	75	118468	17.903	ug/l	98
77) Bromobenzene	13.67	156	182240	18.575	ug/l	85
78) n-propylbenzene	13.78	91	777308	19.002	ug/l	99
79) 2-Chlorotoluene	13.84	91	464793	18.741	ug/l	93
80) 1,3,5-Trimethylbenzene	13.94	105	596511	19.650	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.48	75	31383	18.450	ug/l	98
82) 4-Chlorotoluene	13.95	91	545915	18.706	ug/l	93
83) tert-Butylbenzene	14.19	119	606130	18.133	ug/l	98
84) 1,2,4-Trimethylbenzene	14.24	105	567359	18.260	ug/l	97
85) sec-Butylbenzene	14.37	105	658122	19.108	ug/l	99
86) p-Isopropyltoluene	14.49	119	689554	20.824	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	339320	20.607	ug/l	95
88) 1,4-Dichlorobenzene	14.54	146	327944	19.665	ug/l	94
89) n-Butylbenzene	14.81	91	608672	19.769	ug/l	96
90) Hexachloroethane	15.01	117	167891	19.264	ug/l	94
91) 1,2-Dichlorobenzene	14.82	146	310292	20.408	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.39	75	22412	18.529	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	210928	19.307	ug/l	95
94) Hexachlorobutadiene	16.05	225	159324	19.443	ug/l	97
95) Naphthalene	16.12	128	295886	18.913	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	162294	19.427	ug/l	99

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

