

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050719\
 Data File : VD062136.D
 Acq On : 7 May 2019 11:38
 Operator : FY/SY
 Sample : VSTDIC005
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: May 07 13:45:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 13:42:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	973606	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	1412415	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	1093653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	587223	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.43	65	40573	4.38	ug/l	0.01
Spiked Amount	50.000		Recovery	=	8.76%	
35) Dibromofluoromethane	6.91	113	53520	4.19	ug/l	0.02
Spiked Amount	50.000		Recovery	=	8.38%	
50) Toluene-d8	10.40	98	126686	4.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.08%	
62) 4-Bromofluorobenzene	13.55	95	54781	4.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	46342	4.920	ug/l	93
3) Chloromethane	1.75	50	36374	5.654	ug/l #	86
4) Vinyl Chloride	1.85	62	30429	4.410	ug/l	97
5) Bromomethane	2.14	94	7721	4.672	ug/l	93
6) Chloroethane	2.26	64	14989	4.950	ug/l	95
7) Trichlorofluoromethane	2.52	101	64445	4.929	ug/l	91
8) Diethyl Ether	2.86	74	11108	4.412	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.14	101	46669	4.605	ug/l	90
10) Methyl Iodide	3.29	142	73853	4.943	ug/l	96
11) Tert butyl alcohol	4.05	59	11283	25.196	ug/l #	76
12) 1,1-Dichloroethene	3.11	96	33747	4.179	ug/l	93
13) Acrolein	3.02	56	10429	22.757	ug/l	88
14) Allyl chloride	3.61	41	51233	4.544	ug/l	87
15) Acrylonitrile	4.18	53	29078	24.354	ug/l #	78
16) Acetone	3.21	43	47294	24.292	ug/l	93
17) Carbon Disulfide	3.37	76	96215	4.350	ug/l	99
18) Methyl Acetate	3.63	43	29118	8.823	ug/l	92
19) Methyl tert-butyl Ether	4.22	73	73101	4.545	ug/l	97
20) Methylene Chloride	3.80	84	42524	5.524	ug/l	97
21) trans-1,2-Dichloroethene	4.21	96	40688	4.635	ug/l	97
22) Diisopropyl ether	5.10	45	116568	5.061	ug/l #	93
23) Vinyl Acetate	5.03	43	251028	19.926	ug/l	96
24) 1,1-Dichloroethane	4.95	63	66101	4.886	ug/l	98
25) 2-Butanone	6.05	43	49700	24.977	ug/l	95
26) 2,2-Dichloropropane	6.01	77	70741	5.280	ug/l	98
27) cis-1,2-Dichloroethene	6.02	96	46257	5.110	ug/l	97
28) Bromochloromethane	6.42	49	22621	4.203	ug/l	91
29) Tetrahydrofuran	6.44	42	23276	26.199	ug/l	92
30) Chloroform	6.65	83	81138	4.855	ug/l	88
31) Cyclohexane	6.94	56	45223	4.628	ug/l	96
32) 1,1,1-Trichloroethane	6.85	97	77133	4.768	ug/l	96
36) 1,1-Dichloropropene	7.13	75	56793	4.823	ug/l	93
37) Ethyl Acetate	6.16	43	21628	4.237	ug/l #	92
38) Carbon Tetrachloride	7.09	117	75170	4.503	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	49654	4.195	ug/l	94
40) Benzene	7.44	78	120440	4.511	ug/l	99
41) Methacrylonitrile	6.43	41	26957	4.495	ug/l #	83
42) 1,2-Dichloroethane	7.56	62	50954	4.474	ug/l	98
43) Isopropyl Acetate	9.23	43	30313	4.268	ug/l	97
44) Trichloroethene	8.53	130	46212	4.402	ug/l	93
45) 1,2-Dichloropropane	8.93	63	31196	4.720	ug/l	96
46) Dibromomethane	9.05	93	23513	4.335	ug/l	86
47) Bromodichloromethane	9.36	83	58923	4.449	ug/l	98
48) Methyl methacrylate	9.11	41	20209	4.722	ug/l	86
49) 1,4-Dioxane	9.07	88	4290	92.100	ug/l #	78
51) 4-Methyl-2-Pentanone	10.29	43	107746	24.345	ug/l	94
52) Toluene	10.50	92	78047	4.441	ug/l	97
53) t-1,3-Dichloropropene	10.90	75	46894	4.040	ug/l	99
54) cis-1,3-Dichloropropene	10.02	75	55423	4.256	ug/l #	79
55) 1,1,2-Trichloroethane	11.18	97	27097	4.202	ug/l	91
56) Ethyl methacrylate	11.03	69	28857	4.295	ug/l #	91
57) 1,3-Dichloropropane	11.39	76	38738	3.881	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.85	63	77092	21.493	ug/l	98
59) 2-Hexanone	11.52	43	76373	22.961	ug/l	96
60) Dibromochloromethane	11.68	129	47517	4.366	ug/l	96
61) 1,2-Dibromoethane	11.79	107	34693	4.681	ug/l	92
64) Tetrachloroethene	11.24	164	44991	5.057	ug/l	91
65) Chlorobenzene	12.38	112	103079	5.135	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.50	131	44944	4.732	ug/l	94
67) Ethyl Benzene	12.51	91	186393	5.163	ug/l	98
68) m/p-Xylenes	12.66	106	130480	9.609	ug/l	96
69) o-Xylene	13.04	106	58203	4.775	ug/l	100
70) Styrene	13.06	104	104559	5.247	ug/l	97
71) Bromoform	13.22	173	28432	4.316	ug/l	100
73) Isopropylbenzene	13.40	105	169387	4.835	ug/l	95
74) N-amyl acetate	13.26	43	41905	4.630	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.69	83	31628	5.037	ug/l	95
76) 1,2,3-Trichloropropane	13.72	75	33214	5.124	ug/l	96
77) Bromobenzene	13.66	156	48364	5.303	ug/l	95
78) n-propylbenzene	13.76	91	206412	5.205	ug/l	94
79) 2-Chlorotoluene	13.83	91	119283	5.093	ug/l	86
80) 1,3,5-Trimethylbenzene	13.93	105	156524	5.447	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.47	75	8361	4.138	ug/l #	84
82) 4-Chlorotoluene	13.94	91	151423	5.477	ug/l	91
83) tert-Butylbenzene	14.19	119	169664	5.091	ug/l	98
84) 1,2,4-Trimethylbenzene	14.23	105	152570	5.271	ug/l	87
85) sec-Butylbenzene	14.36	105	180250	5.053	ug/l	99
86) p-Isopropyltoluene	14.48	119	166097	4.882	ug/l	95
87) 1,3-Dichlorobenzene	14.45	146	84134	4.793	ug/l	94
88) 1,4-Dichlorobenzene	14.53	146	92505	5.558	ug/l	96
89) n-Butylbenzene	14.80	91	159604	5.793	ug/l	95
90) Hexachloroethane	15.00	117	39177	4.418	ug/l	76
91) 1,2-Dichlorobenzene	14.81	146	75306	5.501	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.38	75	4661	4.397	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	49960	5.007	ug/l	93
94) Hexachlorobutadiene	16.04	225	36201	4.682	ug/l	98
95) Naphthalene	16.11	128	63412	4.246	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	31328	4.757	ug/l	94

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

