

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082219\
 Data File : VD063752.D
 Acq On : 22 Aug 2019 23:53
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Aug 23 07:02:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	825567	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1127052	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	1025842	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	533075	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.45	65	473233	53.63	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	107.26%	
35) Dibromofluoromethane	6.91	113	526794	55.50	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	111.00%	
50) Toluene-d8	10.41	98	1180257	56.56	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	113.12%	
62) 4-Bromofluorobenzene	13.56	95	537174	56.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.56	85	454698	45.525	ug/l	96
3) Chloromethane	1.74	50	357803	45.851	ug/l	97
4) Vinyl Chloride	1.83	62	377904	48.782	ug/l	96
5) Bromomethane	2.14	94	187918	51.409	ug/l	89
6) Chloroethane	2.25	64	187434	52.909	ug/l	99
7) Trichlorofluoromethane	2.52	101	711154	46.801	ug/l	98
8) Diethyl Ether	2.86	74	124253	57.916	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	3.12	101	386204	43.043	ug/l	92
10) Methyl Iodide	3.28	142	588523	46.358	ug/l	99
11) Tert butyl alcohol	4.06	59	119848	311.978	ug/l #	84
12) 1,1-Dichloroethene	3.11	96	299430	44.886	ug/l	96
13) Acrolein	3.02	56	71624	189.416	ug/l	98
14) Allyl chloride	3.61	41	514005	51.255	ug/l	99
15) Acrylonitrile	4.19	53	318730	313.237	ug/l	93
16) Acetone	3.21	43	462399	257.764	ug/l	99
17) Carbon Disulfide	3.36	76	951115	45.176	ug/l	98
18) Methyl Acetate	3.63	43	203709	59.952	ug/l	97
19) Methyl tert-butyl Ether	4.23	73	800309	59.988	ug/l	100
20) Methylene Chloride	3.80	84	396347	51.095	ug/l	98
21) trans-1,2-Dichloroethene	4.20	96	379430	54.050	ug/l	95
22) Diisopropyl ether	5.11	45	1160112	56.061	ug/l	98
23) Vinyl Acetate	5.04	43	3582662	297.801	ug/l	100
24) 1,1-Dichloroethane	4.96	63	710945	55.392	ug/l	100
25) 2-Butanone	6.07	43	521063	294.103	ug/l	95
26) 2,2-Dichloropropane	6.02	77	629066	49.207	ug/l	91
27) cis-1,2-Dichloroethene	6.03	96	422999	55.075	ug/l	97
28) Bromochloromethane	6.43	49	279502	53.732	ug/l	92
29) Tetrahydrofuran	6.45	42	249452	302.158	ug/l	98
30) Chloroform	6.66	83	877050	54.975	ug/l	94
31) Cyclohexane	6.94	56	391592	49.146	ug/l	97
32) 1,1,1-Trichloroethane	6.86	97	800585	52.460	ug/l	95
36) 1,1-Dichloropropene	7.14	75	535600	53.757	ug/l	95
37) Ethyl Acetate	6.18	43	267383	64.044	ug/l #	95
38) Carbon Tetrachloride	7.10	117	866388	57.698	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	413842	48.847	ug/l	99
40) Benzene	7.45	78	1190252	54.285	ug/l	97
41) Methacrylonitrile	6.44	41	333786	63.497	ug/l #	95
42) 1,2-Dichloroethane	7.57	62	638049	57.873	ug/l	99
43) Isopropyl Acetate	9.24	43	349975	62.589	ug/l	98
44) Trichloroethene	8.54	130	463310	55.284	ug/l	99
45) 1,2-Dichloropropane	8.93	63	295163	57.807	ug/l	96
46) Dibromomethane	9.06	93	256843	58.903	ug/l	91
47) Bromodichloromethane	9.38	83	661938	59.181	ug/l	98
48) Methyl methacrylate	9.12	41	243605	64.240	ug/l	97
49) 1,4-Dioxane	9.08	88	38688	1138.961	ug/l #	75
51) 4-Methyl-2-Pentanone	10.30	43	1266500	331.008	ug/l	95
52) Toluene	10.51	92	798735	56.558	ug/l	97
53) t-1,3-Dichloropropene	10.91	75	546575	59.879	ug/l	96
54) cis-1,3-Dichloropropene	10.03	75	571326	55.509	ug/l	96
55) 1,1,2-Trichloroethane	11.19	97	292079	61.227	ug/l	99
56) Ethyl methacrylate	11.04	69	329016	63.543	ug/l	94
57) 1,3-Dichloropropane	11.40	76	440415	61.076	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.86	63	936579	342.622	ug/l	98
59) 2-Hexanone	11.53	43	875035	314.304	ug/l	97
60) Dibromochloromethane	11.69	129	548834	63.225	ug/l	97
61) 1,2-Dibromoethane	11.81	107	364120	63.051	ug/l	96
64) Tetrachloroethene	11.26	164	390754	49.342	ug/l	92
65) Chlorobenzene	12.40	112	999083	51.963	ug/l	97
66) 1,1,1,2-Tetrachloroethane	12.52	131	447720	52.912	ug/l	99
67) Ethyl Benzene	12.53	91	1691587	50.600	ug/l	99
68) m/p-Xylenes	12.66	106	1227718	104.529	ug/l	94
69) o-Xylene	13.05	106	559322	49.479	ug/l	97
70) Styrene	13.08	104	1025750	51.012	ug/l	97
71) Bromoform	13.23	173	343465	59.197	ug/l	96
73) Isopropylbenzene	13.40	105	1777400	52.421	ug/l	99
74) N-amyl acetate	13.26	43	528784	62.125	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.70	83	335682	59.647	ug/l	98
76) 1,2,3-Trichloropropane	13.74	75	349746	57.167	ug/l	90
77) Bromobenzene	13.67	156	507106	54.723	ug/l	97
78) n-propylbenzene	13.78	91	2077781	52.374	ug/l	98
79) 2-Chlorotoluene	13.84	91	1192114	52.117	ug/l	91
80) 1,3,5-Trimethylbenzene	13.93	105	1480336	49.968	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	88358	53.735	ug/l	97
82) 4-Chlorotoluene	13.94	91	1413635	51.394	ug/l	96
83) tert-Butylbenzene	14.19	119	1615056	51.770	ug/l	95
84) 1,2,4-Trimethylbenzene	14.24	105	1457997	53.190	ug/l	97
85) sec-Butylbenzene	14.37	105	1824393	55.067	ug/l	98
86) p-Isopropyltoluene	14.49	119	1639843	51.767	ug/l	96
87) 1,3-Dichlorobenzene	14.45	146	751078	44.809	ug/l	97
88) 1,4-Dichlorobenzene	14.53	146	889817	55.331	ug/l	99
89) n-Butylbenzene	14.80	91	1515625	52.423	ug/l	98
90) Hexachloroethane	15.01	117	437269	54.919	ug/l	99
91) 1,2-Dichlorobenzene	14.81	146	813416	57.198	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	56581	53.394	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	583517	55.763	ug/l	95
94) Hexachlorobutadiene	16.04	225	452312	56.715	ug/l	95
95) Naphthalene	16.12	128	948088	59.783	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	520628	61.599	ug/l	98

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

