

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031519\
 Data File : VD061082.D
 Acq On : 15 Mar 2019 12:58
 Operator : VA/AP
 Sample : VD0315SBS01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS01

Quant Time: Mar 16 05:41:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	690481	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	1209056	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.39	117	1036834	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	447739	50.00	ug/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.47	65	264811	46.07	ug/l	0.03
Spiked Amount 50.000			Recovery	=	92.14%	
35) Dibromofluoromethane	6.95	113	428408	47.75	ug/l	0.03
Spiked Amount 50.000			Recovery	=	95.50%	
50) Toluene-d8	10.43	98	1053237	46.74	ug/l	0.03
Spiked Amount 50.000			Recovery	=	93.48%	
62) 4-Bromofluorobenzene	13.57	95	420347	48.08	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.60	85	129707	18.964	ug/l	99
3) Chloromethane	1.77	50	112792	19.796	ug/l	98
4) Vinyl Chloride	1.86	62	103669	19.691	ug/l	99
5) Bromomethane	2.17	94	17379	15.995	ug/l	83
6) Chloroethane	2.28	64	29046	18.432	ug/l #	83
7) Trichlorofluoromethane	2.54	101	139827	18.488	ug/l	99
8) Diethyl Ether	2.90	74	53787	21.558	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.17	101	169069	19.995	ug/l	97
10) Methyl Iodide	3.33	142	203782	19.407	ug/l	98
11) Tert butyl alcohol	4.09	59	38006	103.871	ug/l	96
12) 1,1-Dichloroethene	3.15	96	140523	20.275	ug/l	90
13) Acrolein	3.05	56	39994	75.544	ug/l	94
14) Allyl chloride	3.65	41	211619	19.083	ug/l	99
15) Acrylonitrile	4.22	53	130892	101.217	ug/l	95
16) Acetone	3.24	43	158695	96.557	ug/l	99
17) Carbon Disulfide	3.40	76	427146	18.269	ug/l	98
18) Methyl Acetate	3.67	43	61232	18.931	ug/l	97
19) Methyl tert-butyl Ether	4.27	73	256247	21.096	ug/l	98
20) Methylene Chloride	3.84	84	171756	20.134	ug/l	96
21) trans-1,2-Dichloroethene	4.25	96	149734	19.959	ug/l	89
22) Diisopropyl ether	5.15	45	438119	19.031	ug/l	99
23) Vinyl Acetate	5.08	43	1182170	100.034	ug/l	100
24) 1,1-Dichloroethane	5.01	63	247164	19.596	ug/l	99
25) 2-Butanone	6.10	43	195065	104.595	ug/l	100
26) 2,2-Dichloropropane	6.06	77	203716	20.689	ug/l	95
27) cis-1,2-Dichloroethene	6.07	96	173510	21.799	ug/l	94
28) Bromochloromethane	6.47	49	103246	19.335	ug/l	95
29) Tetrahydrofuran	6.48	42	100257	99.002	ug/l	98
30) Chloroform	6.69	83	257410	19.691	ug/l	97
31) Cyclohexane	6.98	56	191944	18.873	ug/l	98
32) 1,1,1-Trichloroethane	6.90	97	223080	19.738	ug/l	98
36) 1,1-Dichloropropene	7.18	75	186751	17.919	ug/l	96
37) Ethyl Acetate	6.20	43	89251	18.249	ug/l	99
38) Carbon Tetrachloride	7.14	117	213699	18.615	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.89	83	194893	18.034	ug/l	97
40) Benzene	7.48	78	473203	18.171	ug/l	99
41) Methacrylonitrile	6.47	41	110326	19.612	ug/l #	98
42) 1,2-Dichloroethane	7.60	62	139703	18.486	ug/l	99
43) Isopropyl Acetate	9.26	43	125355	18.506	ug/l #	97
44) Trichloroethene	8.57	130	188321	20.961	ug/l	98
45) 1,2-Dichloropropane	8.96	63	122662	17.929	ug/l	94
46) Dibromomethane	9.09	93	81035	18.672	ug/l	94
47) Bromodichloromethane	9.40	83	189076	19.307	ug/l	97
48) Methyl methacrylate	9.15	41	74643	19.572	ug/l	95
49) 1,4-Dioxane	9.11	88	15562	403.529	ug/l	90
51) 4-Methyl-2-Pentanone	10.32	43	398568	96.046	ug/l	96
52) Toluene	10.53	92	332568	20.537	ug/l	98
53) t-1,3-Dichloropropene	10.93	75	175401	19.587	ug/l	99
54) cis-1,3-Dichloropropene	10.06	75	203483	18.912	ug/l	97
55) 1,1,2-Trichloroethane	11.21	97	109456	20.297	ug/l	97
56) Ethyl methacrylate	11.06	69	107722	19.084	ug/l	99
57) 1,3-Dichloropropane	11.43	76	161862	20.085	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.88	63	279172	93.434	ug/l	96
59) 2-Hexanone	11.55	43	277233	91.330	ug/l	97
60) Dibromochloromethane	11.70	129	155908	19.644	ug/l	98
61) 1,2-Dibromoethane	11.83	107	119590	19.063	ug/l	96
64) Tetrachloroethene	11.27	164	127947	18.281	ug/l	99
65) Chlorobenzene	12.42	112	409947	20.168	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.53	131	156142	21.551	ug/l	96
67) Ethyl Benzene	12.53	91	627370	20.732	ug/l	99
68) m/p-Xylenes	12.68	106	449124	37.814	ug/l	99
69) o-Xylene	13.07	106	223592	19.152	ug/l	96
70) Styrene	13.09	104	358178	18.788	ug/l	99
71) Bromoform	13.24	173	93404	19.984	ug/l	94
73) Isopropylbenzene	13.41	105	652110	20.209	ug/l	99
74) N-amyl acetate	13.27	43	160898	17.709	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.71	83	116789	18.551	ug/l	99
76) 1,2,3-Trichloropropane	13.75	75	122503	19.018	ug/l	99
77) Bromobenzene	13.69	156	166982	20.272	ug/l	98
78) n-propylbenzene	13.79	91	747335	19.784	ug/l	100
79) 2-Chlorotoluene	13.85	91	385769	18.549	ug/l	96
80) 1,3,5-Trimethylbenzene	14.25	105	480405	19.611	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.48	75	35748	18.824	ug/l	96
82) 4-Chlorotoluene	13.96	91	476933	19.399	ug/l	97
83) tert-Butylbenzene	14.20	119	589294	21.982	ug/l	97
84) 1,2,4-Trimethylbenzene	14.25	105	480405	19.611	ug/l	98
85) sec-Butylbenzene	14.38	105	654148	19.987	ug/l	96
86) p-Isopropyltoluene	14.50	119	555094	20.750	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	296857	20.183	ug/l	97
88) 1,4-Dichlorobenzene	14.55	146	294090	20.347	ug/l	97
89) n-Butylbenzene	14.81	91	492166	19.158	ug/l	98
90) Hexachloroethane	15.02	117	145096	19.208	ug/l	76
91) 1,2-Dichlorobenzene	14.82	146	253297	20.658	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.39	75	13941	18.376	ug/l	78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	116071	20.406	ug/l	98
94) Hexachlorobutadiene	16.05	225	81122	18.855	ug/l	97
95) Naphthalene	16.14	128	179864	20.808	ug/l	99
96) 1,2,3-Trichlorobenzene	16.29	180	62938	22.402	ug/l	98

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

