

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071019\
 Data File : VD063058.D
 Acq On : 10 Jul 2019 15:22
 Operator : VA/AP
 Sample : VD0710SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0710SBS01

Quant Time: Jul 11 07:00:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	957028	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	1362271	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	1122739	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	625889	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.44	65	519694	49.96	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	6.91	113	581610	50.63	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	10.40	98	1204238	48.17	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	13.55	95	554653	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.56	85	239445	19.335	ug/l	95
3) Chloromethane	1.75	50	194191	20.850	ug/l	98
4) Vinyl Chloride	1.84	62	191306	20.716	ug/l	97
5) Bromomethane	2.14	94	58518	13.531	ug/l	96
6) Chloroethane	2.25	64	79153	18.932	ug/l	94
7) Trichlorofluoromethane	2.52	101	362340	19.388	ug/l	96
8) Diethyl Ether	2.86	74	60647	25.540	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.14	101	216944	21.427	ug/l	95
10) Methyl Iodide	3.29	142	239532	17.932	ug/l	94
11) Tert butyl alcohol	4.08	59	58536	123.548	ug/l #	94
12) 1,1-Dichloroethene	3.11	96	163914	21.581	ug/l	94
13) Acrolein	3.02	56	32050	66.262	ug/l	86
14) Allyl chloride	3.60	41	256737	22.876	ug/l	95
15) Acrylonitrile	4.18	53	144563	129.854	ug/l #	88
16) Acetone	3.22	43	240750	110.210	ug/l	100
17) Carbon Disulfide	3.35	76	456370	18.801	ug/l	98
18) Methyl Acetate	3.63	43	116363	37.054	ug/l	100
19) Methyl tert-butyl Ether	4.23	73	392045	23.844	ug/l	98
20) Methylene Chloride	3.80	84	172349	21.724	ug/l	99
21) trans-1,2-Dichloroethene	4.20	96	179559	22.203	ug/l	95
22) Diisopropyl ether	5.11	45	555960	24.359	ug/l	98
23) Vinyl Acetate	5.05	43	1653084	115.749	ug/l	98
24) 1,1-Dichloroethane	4.97	63	336478	22.643	ug/l	98
25) 2-Butanone	6.06	43	240570	123.646	ug/l	97
26) 2,2-Dichloropropane	6.01	77	339189	21.535	ug/l	98
27) cis-1,2-Dichloroethene	6.02	96	181624	21.237	ug/l	95
28) Bromochloromethane	6.43	49	126107	24.095	ug/l	88
29) Tetrahydrofuran	6.46	42	115838	125.835	ug/l	98
30) Chloroform	6.65	83	393967	21.800	ug/l	90
31) Cyclohexane	6.95	56	218959	22.414	ug/l	96
32) 1,1,1-Trichloroethane	6.86	97	391888	20.820	ug/l	93
36) 1,1-Dichloropropene	7.13	75	255944	19.847	ug/l #	81
37) Ethyl Acetate	6.17	43	114667	20.518	ug/l	99
38) Carbon Tetrachloride	7.10	117	380523	19.620	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	203250	17.905	ug/l	92
40) Benzene	7.44	78	547678	21.157	ug/l	99
41) Methacrylonitrile	6.45	41	150523	22.133	ug/l #	91
42) 1,2-Dichloroethane	7.57	62	284309	20.133	ug/l	97
43) Isopropyl Acetate	9.23	43	164026	24.261	ug/l #	100
44) Trichloroethene	8.53	130	227806	22.448	ug/l	87
45) 1,2-Dichloropropane	8.93	63	142789	22.184	ug/l	95
46) Dibromomethane	9.05	93	121293	21.937	ug/l	92
47) Bromodichloromethane	9.37	83	298771	20.806	ug/l	93
48) Methyl methacrylate	9.11	41	107552	22.386	ug/l	94
49) 1,4-Dioxane	9.07	88	17034	426.154	ug/l #	82
51) 4-Methyl-2-Pentanone	10.29	43	569745	118.860	ug/l	100
52) Toluene	10.50	92	358603	20.609	ug/l	96
53) t-1,3-Dichloropropene	10.90	75	258169	21.966	ug/l	93
54) cis-1,3-Dichloropropene	10.03	75	278124	21.771	ug/l	91
55) 1,1,2-Trichloroethane	11.18	97	128355	21.471	ug/l	89
56) Ethyl methacrylate	11.03	69	146964	23.003	ug/l	97
57) 1,3-Dichloropropane	11.40	76	196400	21.456	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.85	63	399349	121.756	ug/l	99
59) 2-Hexanone	11.53	43	416903	122.123	ug/l	99
60) Dibromochloromethane	11.68	129	245911	22.084	ug/l	97
61) 1,2-Dibromoethane	11.80	107	154191	21.839	ug/l	98
64) Tetrachloroethene	11.25	164	188025	20.348	ug/l	96
65) Chlorobenzene	12.39	112	464584	22.296	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.51	131	207408	21.285	ug/l	93
67) Ethyl Benzene	12.52	91	780291	20.858	ug/l	99
68) m/p-Xylenes	12.67	106	575616	44.177	ug/l	92
69) o-Xylene	13.04	106	265921	22.326	ug/l	92
70) Styrene	13.07	104	481374	23.009	ug/l	93
71) Bromoform	13.23	173	147232	22.053	ug/l	97
73) Isopropylbenzene	13.40	105	806422	20.095	ug/l	98
74) N-amyl acetate	13.26	43	215027	22.064	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	153342	23.452	ug/l	92
76) 1,2,3-Trichloropropane	13.73	75	161784	22.391	ug/l	89
77) Bromobenzene	13.67	156	227493	21.076	ug/l	86
78) n-propylbenzene	13.77	91	927343	19.854	ug/l	96
79) 2-Chlorotoluene	13.84	91	568236	21.288	ug/l	95
80) 1,3,5-Trimethylbenzene	13.93	105	707651	20.993	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.46	75	40272	21.267	ug/l	92
82) 4-Chlorotoluene	13.95	91	687629	21.397	ug/l	99
83) tert-Butylbenzene	14.18	119	810656	21.575	ug/l	90
84) 1,2,4-Trimethylbenzene	14.23	105	702814	20.342	ug/l	97
85) sec-Butylbenzene	14.36	105	832295	20.381	ug/l	95
86) p-Isopropyltoluene	14.49	119	760977	20.369	ug/l	96
87) 1,3-Dichlorobenzene	14.45	146	376065	19.436	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	409899	21.092	ug/l	96
89) n-Butylbenzene	14.79	91	702882	20.101	ug/l	99
90) Hexachloroethane	15.00	117	207569	20.664	ug/l	75
91) 1,2-Dichlorobenzene	14.80	146	346655	20.940	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.37	75	29426	23.057	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	260283	20.127	ug/l	97
94) Hexachlorobutadiene	16.03	225	192348	19.470	ug/l	98
95) Naphthalene	16.12	128	404677	22.327	ug/l	97
96) 1,2,3-Trichlorobenzene	16.27	180	213609	21.498	ug/l	93

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

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