

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050119\
 Data File : VD062099.D
 Acq On : 1 May 2019 13:32
 Operator : FY/SY
 Sample : VD0501SBSD01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0501SBSD01

Quant Time: May 02 00:55:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 08:37:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	514539	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.19	114	769139	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	694424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	306313	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.43	65	208559	51.79	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	103.58%	
35) Dibromofluoromethane	6.89	113	308121	57.92	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	115.84%	
50) Toluene-d8	10.39	98	722258	57.06	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	114.12%	
62) 4-Bromofluorobenzene	13.56	95	257616	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.56	85	84466	18.384	ug/l	96
3) Chloromethane	1.74	50	70164	17.968	ug/l	98
4) Vinyl Chloride	1.83	62	64782	18.304	ug/l	98
5) Bromomethane	2.13	94	20374	19.180	ug/l	92
6) Chloroethane	2.24	64	24978	19.523	ug/l	99
7) Trichlorofluoromethane	2.50	101	114472	21.391	ug/l	97
8) Diethyl Ether	2.85	74	29139	20.316	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.12	101	105895	21.481	ug/l	100
10) Methyl Iodide	3.28	142	114404	19.007	ug/l	97
11) Tert butyl alcohol	4.03	59	24062	105.752	ug/l #	91
12) 1,1-Dichloroethene	3.10	96	85497	20.385	ug/l	99
13) Acrolein	3.01	56	22018	93.265	ug/l	93
14) Allyl chloride	3.59	41	105361	18.397	ug/l	99
15) Acrylonitrile	4.16	53	70457	100.001	ug/l	95
16) Acetone	3.19	43	91595	95.258	ug/l	95
17) Carbon Disulfide	3.35	76	213281	17.598	ug/l	96
18) Methyl Acetate	3.61	43	37797	20.394	ug/l	98
19) Methyl tert-butyl Ether	4.20	73	165195	19.852	ug/l	99
20) Methylene Chloride	3.78	84	88440	16.774	ug/l	95
21) trans-1,2-Dichloroethene	4.19	96	90795	18.871	ug/l	93
22) Diisopropyl ether	5.07	45	260352	19.472	ug/l	93
23) Vinyl Acetate	5.01	43	676933	97.217	ug/l	100
24) 1,1-Dichloroethane	4.95	63	151550	18.753	ug/l	99
25) 2-Butanone	6.04	43	102241	87.700	ug/l	100
26) 2,2-Dichloropropane	5.99	77	131053	18.588	ug/l	98
27) cis-1,2-Dichloroethene	6.00	96	97025	17.726	ug/l	100
28) Bromochloromethane	6.40	49	66098	21.376	ug/l	93
29) Tetrahydrofuran	6.42	42	50757	88.362	ug/l	95
30) Chloroform	6.64	83	174616	19.023	ug/l	93
31) Cyclohexane	6.92	56	109240	18.211	ug/l	97
32) 1,1,1-Trichloroethane	6.85	97	153324	19.198	ug/l	97
36) 1,1-Dichloropropene	7.12	75	128286	21.408	ug/l	98
37) Ethyl Acetate	6.15	43	49940	19.557	ug/l #	94
38) Carbon Tetrachloride	7.08	117	152867	20.132	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.84	83	109184	18.467	ug/l	98
40) Benzene	7.43	78	279057	18.810	ug/l	95
41) Methacrylonitrile	6.42	41	63847	21.429	ug/l #	85
42) 1,2-Dichloroethane	7.55	62	106528	21.149	ug/l	99
43) Isopropyl Acetate	9.23	43	67727	18.152	ug/l	95
44) Trichloroethene	8.52	130	111836	19.445	ug/l	96
45) 1,2-Dichloropropane	8.91	63	71048	18.878	ug/l	96
46) Dibromomethane	9.04	93	53406	19.721	ug/l	99
47) Bromodichloromethane	9.36	83	133546	20.871	ug/l	96
48) Methyl methacrylate	9.10	41	43468	20.419	ug/l	94
49) 1,4-Dioxane	9.05	88	10025	436.795	ug/l #	90
51) 4-Methyl-2-Pentanone	10.28	43	213714	93.660	ug/l	99
52) Toluene	10.49	92	179703	18.998	ug/l	96
53) t-1,3-Dichloropropene	10.90	75	120032	22.348	ug/l	99
54) cis-1,3-Dichloropropene	10.03	75	132501	20.283	ug/l	98
55) 1,1,2-Trichloroethane	11.18	97	67719	21.324	ug/l	97
56) Ethyl methacrylate	11.03	69	67353	19.150	ug/l	97
57) 1,3-Dichloropropane	11.39	76	103208	21.043	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.84	63	204433	125.019	ug/l	99
59) 2-Hexanone	11.52	43	168589	98.493	ug/l	97
60) Dibromochloromethane	11.67	129	102423	19.492	ug/l	96
61) 1,2-Dibromoethane	11.80	107	78197	20.758	ug/l	99
64) Tetrachloroethene	11.25	164	93759	18.927	ug/l	97
65) Chlorobenzene	12.40	112	251724	19.183	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.51	131	99992	17.964	ug/l	98
67) Ethyl Benzene	12.52	91	377129	17.608	ug/l	98
68) m/p-Xylenes	12.66	106	287437	37.132	ug/l	97
69) o-Xylene	13.05	106	135220	19.092	ug/l	96
70) Styrene	13.07	104	246581	20.163	ug/l	100
71) Bromoform	13.23	173	60257	18.989	ug/l #	96
73) Isopropylbenzene	13.40	105	394175	19.291	ug/l	100
74) N-amyl acetate	13.26	43	94737	18.003	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	74599	18.630	ug/l	94
76) 1,2,3-Trichloropropane	13.74	75	77952	20.040	ug/l	97
77) Bromobenzene	13.67	156	108507	18.511	ug/l	90
78) n-propylbenzene	13.78	91	406532	17.380	ug/l	99
79) 2-Chlorotoluene	13.84	91	248941	17.570	ug/l	96
80) 1,3,5-Trimethylbenzene	13.93	105	319931	19.636	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.47	75	22552	19.132	ug/l	88
82) 4-Chlorotoluene	13.94	91	301423	19.318	ug/l	89
83) tert-Butylbenzene	14.19	119	385165	20.407	ug/l	100
84) 1,2,4-Trimethylbenzene	14.24	105	334629	21.510	ug/l	97
85) sec-Butylbenzene	14.37	105	355417	17.428	ug/l	99
86) p-Isopropyltoluene	14.49	119	342027	18.739	ug/l	98
87) 1,3-Dichlorobenzene	14.46	146	208964	20.357	ug/l	97
88) 1,4-Dichlorobenzene	14.53	146	193582	20.166	ug/l	98
89) n-Butylbenzene	14.80	91	331247	20.215	ug/l	96
90) Hexachloroethane	15.01	117	90064	18.249	ug/l	93
91) 1,2-Dichlorobenzene	14.81	146	175286	20.702	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.38	75	10624	19.648	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	90484	19.806	ug/l	97
94) Hexachlorobutadiene	16.04	225	66051	19.536	ug/l	98
95) Naphthalene	16.13	128	141241	19.147	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	50834	19.611	ug/l	99

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

