

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050819\
 Data File : VF062373.D
 Acq On : 8 May 2019 13:20
 Operator : FY/SY
 Sample : VF0508SBS01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0508SBS01

Quant Time: May 08 16:09:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	330702	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	428788	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.90	117	352467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.60	152	222509	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.02	65	166775	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
35) Dibromofluoromethane	4.29	113	183676	53.77	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	107.54%	
50) Toluene-d8	7.69	98	438444	53.02	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	106.04%	
62) 4-Bromofluorobenzene	11.49	95	194734	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.00	85	80352	20.994	ug/l	96
3) Chloromethane	1.14	50	48698	19.292	ug/l	99
4) Vinyl Chloride	1.18	62	51901	20.614	ug/l	95
5) Bromomethane	1.39	94	39374	19.178	ug/l	97
6) Chloroethane	1.44	64	24044	18.995	ug/l	93
7) Trichlorofluoromethane	1.55	101	107219m	20.524	ug/l	
8) Diethyl Ether	1.71	74	15353	19.423	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	1.90	101	61511	20.624	ug/l	98
10) Methyl Iodide	1.98	142	103744m	21.108	ug/l	
11) Tert butyl alcohol	2.69	59	16288	92.215	ug/l	97
12) 1,1-Dichloroethene	1.87	96	54441	21.472	ug/l	85
13) Acrolein	2.09	56	13808	115.076	ug/l #	81
14) Allyl chloride	2.19	41	56110	25.052	ug/l	93
15) Acrylonitrile	3.08	53	35832	107.094	ug/l	95
16) Acetone	2.35	43	64643	102.248	ug/l #	91
17) Carbon Disulfide	1.91	76	116481m	21.069	ug/l	
18) Methyl Acetate	2.45	43	24622	19.441	ug/l	96
19) Methyl tert-butyl Ether	2.54	73	109570	20.935	ug/l	96
20) Methylene Chloride	2.34	84	55166m	24.118	ug/l	
21) trans-1,2-Dichloroethene	2.42	96	45875	18.991	ug/l	96
22) Diisopropyl ether	2.93	45	150403	21.486	ug/l	99
23) Vinyl Acetate	3.33	43	328903	105.423	ug/l	98
24) 1,1-Dichloroethane	3.00	63	89757	21.216	ug/l	98
25) 2-Butanone	4.51	43	89802	113.062	ug/l	97
26) 2,2-Dichloropropane	3.76	77	51775	21.914	ug/l	100
27) cis-1,2-Dichloroethene	3.64	96	59948	19.853	ug/l	96
28) Bromochloromethane	3.89	49	37954	19.781	ug/l #	93
29) Tetrahydrofuran	4.26	42	37598	102.995	ug/l	97
30) Chloroform	4.03	83	125017	21.873	ug/l	96
31) Cyclohexane	3.87	56	75176m	22.262	ug/l	
32) 1,1,1-Trichloroethane	4.27	97	105913m	21.621	ug/l	
36) 1,1-Dichloropropene	4.46	75	84318	22.891	ug/l	99
37) Ethyl Acetate	4.28	43	31440	18.612	ug/l #	98
38) Carbon Tetrachloride	4.16	117	90069	22.019	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.62	83	83465	22.594	ug/l	90
40) Benzene	4.80	78	188113	23.192	ug/l	95
41) Methacrylonitrile	4.91	41	17814	20.169	ug/l	91
42) 1,2-Dichloroethane	5.12	62	75848	22.358	ug/l	96
43) Isopropyl Acetate	7.11	43	36909	22.030	ug/l #	94
44) Trichloroethene	5.67	130	65948	22.133	ug/l	99
45) 1,2-Dichloropropane	6.39	63	41538	22.609	ug/l	96
46) Dibromomethane	6.24	93	34015	22.330	ug/l	100
47) Bromodichloromethane	6.54	83	84687	22.237	ug/l	93
48) Methyl methacrylate	6.86	41	25499	21.536	ug/l	89
49) 1,4-Dioxane	6.86	88	5387	435.002	ug/l	97
51) 4-Methyl-2-Pentanone	8.39	43	132880	104.668	ug/l	99
52) Toluene	7.76	92	110935	22.170	ug/l	95
53) t-1,3-Dichloropropene	8.41	75	60408	20.972	ug/l	94
54) cis-1,3-Dichloropropene	7.44	75	74314	22.168	ug/l	96
55) 1,1,2-Trichloroethane	8.62	97	34987	22.026	ug/l	90
56) Ethyl methacrylate	8.74	69	32736	19.523	ug/l	98
57) 1,3-Dichloropropane	8.98	76	53501	22.298	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.43	63	52075	103.299	ug/l	98
59) 2-Hexanone	9.60	43	95253	108.487	ug/l	98
60) Dibromochloromethane	8.84	129	57491	22.129	ug/l	98
61) 1,2-Dibromoethane	9.12	107	40266	21.568	ug/l	99
64) Tetrachloroethene	8.29	164	63036	22.030	ug/l	96
65) Chlorobenzene	9.92	112	136454	23.398	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.05	131	66894	22.738	ug/l	99
67) Ethyl Benzene	10.02	91	244346	23.927	ug/l	99
68) m/p-Xylenes	10.24	106	176284	46.786	ug/l	98
69) o-Xylene	10.81	106	96346	23.664	ug/l	97
70) Styrene	10.87	104	140639	23.048	ug/l	98
71) Bromoform	10.86	173	34814	21.600	ug/l #	94
73) Isopropylbenzene	11.20	105	303973	23.044	ug/l	99
74) N-amyl acetate	11.44	43	60257	21.277	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.76	83	45161	21.865	ug/l	97
76) 1,2,3-Trichloropropane	11.86	75	33404	21.198	ug/l #	100
77) Bromobenzene	11.56	156	75230	21.730	ug/l	98
78) n-propylbenzene	11.66	91	315748	22.483	ug/l	100
79) 2-Chlorotoluene	11.78	91	196767	22.532	ug/l	98
80) 1,3,5-Trimethylbenzene	11.88	105	263321	22.775	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.93	75	13878m	23.430	ug/l	
82) 4-Chlorotoluene	11.96	91	184627	21.406	ug/l	100
83) tert-Butylbenzene	12.19	119	271391	22.335	ug/l	99
84) 1,2,4-Trimethylbenzene	12.25	105	255595	22.590	ug/l	100
85) sec-Butylbenzene	12.36	105	338280	22.872	ug/l	99
86) p-Isopropyltoluene	12.51	119	311002	22.633	ug/l	99
87) 1,3-Dichlorobenzene	12.53	146	141306	22.349	ug/l	99
88) 1,4-Dichlorobenzene	12.62	146	134949	22.114	ug/l	97
89) n-Butylbenzene	12.89	91	286766	23.457	ug/l	97
90) Hexachloroethane	12.96	117	76655	22.342	ug/l	95
91) 1,2-Dichlorobenzene	12.98	146	135544	22.148	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.68	75	8569	18.519	ug/l #	44

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.23	180	122338	22.287	ug/l	99
94) Hexachlorobutadiene	14.22	225	92559	22.623	ug/l	98
95) Naphthalene	14.48	128	180316	21.849	ug/l	100
96) 1,2,3-Trichlorobenzene	14.63	180	122113	22.962	ug/l	99

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

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