

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF040419\
 Data File : VF062161.D
 Acq On : 4 Apr 2019 17:06
 Operator : FY/SY
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 05 05:10:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F040419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 04:46:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	203312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.57	114	321906	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.75	117	260836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	132408	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.83	65	130674	78.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	156.04%	
35) Dibromofluoromethane	4.09	113	131584	59.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.56%	
50) Toluene-d8	7.53	98	391387	59.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.02%	
62) 4-Bromofluorobenzene	11.39	95	151649	59.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.96	85	140990	53.247	ug/l	100
3) Chloromethane	1.09	50	120450	45.019	ug/l	100
4) Vinyl Chloride	1.13	62	118810	47.671	ug/l	100
5) Bromomethane	1.34	94	91092	50.083	ug/l	100
6) Chloroethane	1.38	64	66538	52.064	ug/l	100
7) Trichlorofluoromethane	1.48	101	175702	56.440	ug/l	100
8) Diethyl Ether	1.62	74	33696	48.757	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	1.82	101	102972	49.797	ug/l	100
10) Methyl Iodide	1.89	142	187652m	47.901	ug/l	
11) Tert butyl alcohol	2.56	59	25803	300.030	ug/l	100
12) 1,1-Dichloroethene	1.78	96	97451	49.755	ug/l	100
13) Acrolein	1.99	56	28605	281.869	ug/l	100
14) Allyl chloride	2.09	41	134630	61.535	ug/l	100
15) Acrylonitrile	2.92	53	72680	248.110	ug/l	100
16) Acetone	2.23	43	132934	386.712	ug/l	100
17) Carbon Disulfide	1.83	76	312416	52.146	ug/l	100
18) Methyl Acetate	2.33	43	44087	55.717	ug/l	100
19) Methyl tert-butyl Ether	2.41	73	184566	57.703	ug/l	100
20) Methylene Chloride	2.17	84	111046m	50.004	ug/l	
21) trans-1,2-Dichloroethene	2.29	96	100791	53.036	ug/l	100
22) Diisopropyl ether	2.79	45	306283	54.519	ug/l	100
23) Vinyl Acetate	3.17	43	718129	306.071	ug/l	100
24) 1,1-Dichloroethane	2.86	63	182503	54.234	ug/l	100
25) 2-Butanone	4.31	43	199358	293.319	ug/l	100
26) 2,2-Dichloropropane	3.58	77	96392	67.601	ug/l	100
27) cis-1,2-Dichloroethene	3.46	96	124782	49.653	ug/l	100
28) Bromochloromethane	3.69	49	91608	64.852	ug/l	100
29) Tetrahydrofuran	4.05	42	78266	265.771	ug/l	100
30) Chloroform	3.83	83	216301	59.568	ug/l	100
31) Cyclohexane	3.66	56	170236	49.463	ug/l	100
32) 1,1,1-Trichloroethane	4.07	97	166229	71.548	ug/l	100
36) 1,1-Dichloropropene	4.25	75	177218	56.522	ug/l	100
37) Ethyl Acetate	4.09	43	72704	53.394	ug/l	100
38) Carbon Tetrachloride	3.96	117	135851	62.264	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.43	83	170443	48.935	ug/l	100
40) Benzene	4.61	78	389155	47.971	ug/l	100
41) Methacrylonitrile	4.71	41	40886	56.487	ug/l	100
42) 1,2-Dichloroethane	4.91	62	141179	67.910	ug/l	100
43) Isopropyl Acetate	6.93	43	81643	50.370	ug/l	100
44) Trichloroethene	5.49	130	121527	48.862	ug/l	100
45) 1,2-Dichloropropane	6.20	63	96669	49.583	ug/l	100
46) Dibromomethane	6.07	93	63848	52.919	ug/l	100
47) Bromodichloromethane	6.36	83	166573	60.370	ug/l	100
48) Methyl methacrylate	6.70	41	63164	64.718	ug/l	100
49) 1,4-Dioxane	6.69	88	8056	1020.056	ug/l	100
51) 4-Methyl-2-Pentanone	8.23	43	311172	280.244	ug/l	100
52) Toluene	7.60	92	249137	52.073	ug/l	100
53) t-1,3-Dichloropropene	8.25	75	135178	61.888	ug/l	100
54) cis-1,3-Dichloropropene	7.28	75	165294	54.682	ug/l	100
55) 1,1,2-Trichloroethane	8.47	97	68864	51.259	ug/l	100
56) Ethyl methacrylate	8.60	69	92128	56.366	ug/l	100
57) 1,3-Dichloropropane	8.83	76	115217	51.703	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.27	63	68050	277.252	ug/l	100
59) 2-Hexanone	9.46	43	240095	297.042	ug/l	100
60) Dibromochloromethane	8.70	129	103654	54.763	ug/l	100
61) 1,2-Dibromoethane	8.96	107	75293	52.589	ug/l	100
64) Tetrachloroethene	8.13	164	99249	49.404	ug/l	100
65) Chlorobenzene	9.77	112	261076	53.014	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.91	131	114747	57.097	ug/l	100
67) Ethyl Benzene	9.88	91	507403	57.920	ug/l	100
68) m/p-Xylenes	10.10	106	368186	112.948	ug/l	100
69) o-Xylene	10.69	106	183056	54.823	ug/l	100
70) Styrene	10.76	104	278804	54.086	ug/l	100
71) Bromoform	10.75	173	59015	57.192	ug/l	100
73) Isopropylbenzene	11.11	105	525355	55.499	ug/l	100
74) N-amyl acetate	11.35	43	140576	61.209	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.68	83	81721	51.367	ug/l	100
76) 1,2,3-Trichloropropane	11.78	75	65476	56.546	ug/l	100
77) Bromobenzene	11.47	156	114349	50.130	ug/l	100
78) n-propylbenzene	11.57	91	639402	57.460	ug/l	100
79) 2-Chlorotoluene	11.70	91	357394	57.945	ug/l	100
80) 1,3,5-Trimethylbenzene	11.81	105	473864	59.874	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.85	75	29825m	62.781	ug/l	
82) 4-Chlorotoluene	11.88	91	378695	59.148	ug/l	100
83) tert-Butylbenzene	12.11	119	475360	57.912	ug/l	100
84) 1,2,4-Trimethylbenzene	12.19	105	451500	58.330	ug/l	100
85) sec-Butylbenzene	12.29	105	590294	55.822	ug/l	100
86) p-Isopropyltoluene	12.45	119	543653	58.335	ug/l	100
87) 1,3-Dichlorobenzene	12.46	146	230735	53.602	ug/l	100
88) 1,4-Dichlorobenzene	12.55	146	219994	53.043	ug/l	100
89) n-Butylbenzene	12.83	91	520638	58.895	ug/l	100
90) Hexachloroethane	12.90	117	123898	56.945	ug/l	100
91) 1,2-Dichlorobenzene	12.92	146	207323	51.993	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.63	75	16288	64.354	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.18	180	148390	52.833	ug/l	100
94) Hexachlorobutadiene	14.17	225	99231	53.486	ug/l	100
95) Naphthalene	14.44	128	248783	51.772	ug/l	100
96) 1,2,3-Trichlorobenzene	14.58	180	129295	50.205	ug/l	100

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

