

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF022519\
 Data File : VF061723.D
 Acq On : 25 Feb 2019 11:19
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 26 04:34:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	356288	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	521404	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	466320	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	260212	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.85	65	129028	49.38	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.76%	
35) Dibromofluoromethane	4.11	113	184443	47.64	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	95.28%	
50) Toluene-d8	7.55	98	556094	49.96	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.41	95	214169	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.96	85	201991	49.367	ug/l	98
3) Chloromethane	1.09	50	209407	48.779	ug/l	100
4) Vinyl Chloride	1.14	62	197100	49.388	ug/l	97
5) Bromomethane	1.33	94	141622	51.561	ug/l	89
6) Chloroethane	1.38	64	97342	49.494	ug/l	97
7) Trichlorofluoromethane	1.48	101	254140	52.797	ug/l	98
8) Diethyl Ether	1.63	74	55824	46.020	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	1.82	101	178110	51.292	ug/l	94
10) Methyl Iodide	1.90	142	328837m	49.574	ug/l	
11) Tert butyl alcohol	2.57	59	32423	214.427	ug/l #	92
12) 1,1-Dichloroethene	1.78	96	148271	48.565	ug/l	96
13) Acrolein	2.00	56	44735	235.397	ug/l	99
14) Allyl chloride	2.10	41	189094	50.474	ug/l	100
15) Acrylonitrile	2.94	53	110319	205.690	ug/l	93
16) Acetone	2.23	43	157427	280.833	ug/l	91
17) Carbon Disulfide	1.82	76	459779	47.910	ug/l	99
18) Methyl Acetate	2.34	43	53916	42.695	ug/l	96
19) Methyl tert-butyl Ether	2.43	73	255639	48.994	ug/l	99
20) Methylene Chloride	2.18	84	147504m	49.058	ug/l	
21) trans-1,2-Dichloroethene	2.30	96	153636	46.291	ug/l	95
22) Diisopropyl ether	2.80	45	448453	49.867	ug/l	97
23) Vinyl Acetate	3.18	43	946739	215.539	ug/l	98
24) 1,1-Dichloroethane	2.87	63	263072	48.339	ug/l	99
25) 2-Butanone	4.32	43	299143	244.305	ug/l	96
26) 2,2-Dichloropropane	3.60	77	123958	53.773	ug/l	100
27) cis-1,2-Dichloroethene	3.48	96	219614	50.413	ug/l	97
28) Bromochloromethane	3.71	49	120038	45.970	ug/l	90
29) Tetrahydrofuran	4.07	42	117316	210.800	ug/l	98
30) Chloroform	3.86	83	322865	52.167	ug/l	98
31) Cyclohexane	3.68	56	278196	47.220	ug/l	98
32) 1,1,1-Trichloroethane	4.10	97	224100	55.276	ug/l	99
36) 1,1-Dichloropropene	4.28	75	259482	50.237	ug/l	97
37) Ethyl Acetate	4.12	43	101238	42.199	ug/l	90
38) Carbon Tetrachloride	3.99	117	199402	55.908	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.45	83	310062	50.758	ug/l	98
40) Benzene	4.63	78	685566	50.744	ug/l	99
41) Methacrylonitrile	4.75	41	55484	45.223	ug/l	95
42) 1,2-Dichloroethane	4.94	62	159678	49.410	ug/l	95
43) Isopropyl Acetate	6.96	43	127013	44.727	ug/l #	93
44) Trichloroethene	5.50	130	221010	50.587	ug/l	96
45) 1,2-Dichloropropane	6.23	63	167745	51.366	ug/l	96
46) Dibromomethane	6.08	93	101876	50.667	ug/l	94
47) Bromodichloromethane	6.39	83	228894	51.984	ug/l	98
48) Methyl methacrylate	6.71	41	76084	44.521	ug/l	95
49) 1,4-Dioxane	6.70	88	12160	756.930	ug/l	89
51) 4-Methyl-2-Pentanone	8.26	43	432720	213.257	ug/l	99
52) Toluene	7.62	92	427286	52.148	ug/l	96
53) t-1,3-Dichloropropene	8.28	75	188706	51.494	ug/l	99
54) cis-1,3-Dichloropropene	7.30	75	252985	51.828	ug/l	97
55) 1,1,2-Trichloroethane	8.49	97	117073	48.630	ug/l	95
56) Ethyl methacrylate	8.61	69	128372	47.895	ug/l	95
57) 1,3-Dichloropropane	8.85	76	206708	51.442	ug/l	95
58) 2-Chloroethyl Vinyl ether	7.29	63	93994	203.253	ug/l	97
59) 2-Hexanone	9.49	43	347009	243.969	ug/l	97
60) Dibromochloromethane	8.71	129	177684	53.027	ug/l	100
61) 1,2-Dibromoethane	8.99	107	128498	49.211	ug/l	90
64) Tetrachloroethene	8.15	164	196507	51.555	ug/l	98
65) Chlorobenzene	9.80	112	493132	52.113	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.93	131	190444	51.361	ug/l	99
67) Ethyl Benzene	9.90	91	791952	50.326	ug/l	96
68) m/p-Xylenes	10.13	106	618645	102.722	ug/l	94
69) o-Xylene	10.71	106	348170	54.178	ug/l	98
70) Styrene	10.78	104	466747	51.341	ug/l	99
71) Bromoform	10.77	173	103535	51.421	ug/l	99
73) Isopropylbenzene	11.12	105	954063	51.497	ug/l	98
74) N-amyl acetate	11.37	43	204087	45.895	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.69	83	157216	47.367	ug/l	96
76) 1,2,3-Trichloropropane	11.79	75	101134	44.817	ug/l	99
77) Bromobenzene	11.49	156	226122	49.405	ug/l	98
78) n-propylbenzene	11.59	91	1061528	49.931	ug/l	98
79) 2-Chlorotoluene	11.72	91	603788	50.711	ug/l	97
80) 1,3,5-Trimethylbenzene	11.82	105	729711	49.281	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.87	75	53563m	49.511	ug/l	
82) 4-Chlorotoluene	11.90	91	599444	48.505	ug/l	98
83) tert-Butylbenzene	12.12	119	816126	49.762	ug/l	99
84) 1,2,4-Trimethylbenzene	12.20	105	736893	50.092	ug/l	98
85) sec-Butylbenzene	12.30	105	1019523	48.071	ug/l	100
86) p-Isopropyltoluene	12.46	119	873169	49.057	ug/l	98
87) 1,3-Dichlorobenzene	12.47	146	418413	46.893	ug/l	98
88) 1,4-Dichlorobenzene	12.57	146	437780	51.016	ug/l	97
89) n-Butylbenzene	12.84	91	837223	49.813	ug/l	92
90) Hexachloroethane	12.91	117	226837	54.797	ug/l	92
91) 1,2-Dichlorobenzene	12.94	146	416230	49.044	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.64	75	24997	47.501	ug/l	72

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.20	180	293751	48.289	ug/l	97
94) Hexachlorobutadiene	14.19	225	200823	53.453	ug/l	99
95) Naphthalene	14.45	128	505416	47.487	ug/l	99
96) 1,2,3-Trichlorobenzene	14.60	180	281727	50.457	ug/l	99

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

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Data File : VF061723.D
Acq On : 25 Feb 2019 11:19
Operator : VA/AP
Sample : VSTDC050
Misc : 5.00µL/MSVOA-F/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDC050

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