

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF043019\
 Data File : VF062334.D
 Acq On : 30 Apr 2019 15:31
 Operator : FY/SY
 Sample : VF0430SBS01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0430SBS01

Quant Time: May 01 07:55:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	315013	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	424824	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	338425	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	209346	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.02	65	149873	58.74	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	117.48%	
35) Dibromofluoromethane	4.30	113	171908	54.58	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	109.16%	
50) Toluene-d8	7.70	98	382913	49.77	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	11.49	95	166417	52.48	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	104.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.00	85	94190	25.161	ug/l	98
3) Chloromethane	1.16	50	62562	19.838	ug/l	97
4) Vinyl Chloride	1.20	62	59512	19.925	ug/l	97
5) Bromomethane	1.38	94	46749	23.048	ug/l	92
6) Chloroethane	1.44	64	30155	23.031	ug/l	99
7) Trichlorofluoromethane	1.57	101	111320m	23.455	ug/l	
8) Diethyl Ether	1.71	74	17082	19.867	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	1.91	101	69782	23.428	ug/l	97
10) Methyl Iodide	1.98	142	116981	22.469	ug/l	92
11) Tert butyl alcohol	2.69	59	18808	121.851	ug/l #	93
12) 1,1-Dichloroethene	1.88	96	58058	21.846	ug/l	89
13) Acrolein	2.10	56	12479	91.637	ug/l	96
14) Allyl chloride	2.19	41	60601	20.953	ug/l #	53
15) Acrylonitrile	3.09	53	44277	103.570	ug/l #	94
16) Acetone	2.34	43	67206	117.636	ug/l	92
17) Carbon Disulfide	1.92	76	136040m	19.450	ug/l	
18) Methyl Acetate	2.46	43	24325	21.172	ug/l	99
19) Methyl tert-butyl Ether	2.55	73	108156	21.347	ug/l	96
20) Methylene Chloride	2.34	84	60871m	22.000	ug/l	
21) trans-1,2-Dichloroethene	2.42	96	53613m	20.413	ug/l	
22) Diisopropyl ether	2.93	45	155531	19.975	ug/l	92
23) Vinyl Acetate	3.34	43	372601	107.914	ug/l	100
24) 1,1-Dichloroethane	3.01	63	98669	22.202	ug/l	99
25) 2-Butanone	4.52	43	89312	98.593	ug/l	96
26) 2,2-Dichloropropane	3.77	77	54985	23.826	ug/l	97
27) cis-1,2-Dichloroethene	3.64	96	70067	21.067	ug/l	95
28) Bromochloromethane	3.90	49	36422	19.448	ug/l #	98
29) Tetrahydrofuran	4.27	42	40176	100.936	ug/l	96
30) Chloroform	4.04	83	127295	22.811	ug/l	93
31) Cyclohexane	3.87	56	80556m	19.050	ug/l	
32) 1,1,1-Trichloroethane	4.28	97	108268m	24.711	ug/l	
36) 1,1-Dichloropropene	4.47	75	87482	22.321	ug/l	97
37) Ethyl Acetate	4.30	43	36425	22.091	ug/l	90
38) Carbon Tetrachloride	4.17	117	89346	22.424	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF043019\
 Data File : VF062334.D
 Acq On : 30 Apr 2019 15:31
 Operator : FY/SY
 Sample : VF0430SBS01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleID :
 VF0430SBS01

Quant Time: May 01 07:55:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.63	83	90534	19.788	ug/l	87
40) Benzene	4.82	78	194836	20.576	ug/l	98
41) Methacrylonitrile	4.93	41	18281	19.957	ug/l #	83
42) 1,2-Dichloroethane	5.12	62	74304	24.769	ug/l	98
43) Isopropyl Acetate	7.11	43	39339	23.169	ug/l #	97
44) Trichloroethene	5.68	130	71150	22.208	ug/l	99
45) 1,2-Dichloropropane	6.40	63	42174	19.753	ug/l	99
46) Dibromomethane	6.25	93	36680	23.793	ug/l	98
47) Bromodichloromethane	6.55	83	87045	24.018	ug/l	99
48) Methyl methacrylate	6.87	41	24064	19.920	ug/l #	80
49) 1,4-Dioxane	6.87	88	5942	427.162	ug/l #	82
51) 4-Methyl-2-Pentanone	8.40	43	148520	114.319	ug/l	97
52) Toluene	7.77	92	117383	21.482	ug/l	98
53) t-1,3-Dichloropropene	8.42	75	63808	23.943	ug/l	98
54) cis-1,3-Dichloropropene	7.46	75	77058	22.571	ug/l	92
55) 1,1,2-Trichloroethane	8.63	97	34095	21.970	ug/l	98
56) Ethyl methacrylate	8.75	69	35154	20.620	ug/l #	89
57) 1,3-Dichloropropane	8.99	76	53635	21.982	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.45	63	53004	102.170	ug/l	100
59) 2-Hexanone	9.61	43	100896	119.839	ug/l	100
60) Dibromochloromethane	8.85	129	60772	24.128	ug/l	98
61) 1,2-Dibromoethane	9.13	107	39170	21.808	ug/l	97
64) Tetrachloroethene	8.30	164	66820	23.606	ug/l	99
65) Chlorobenzene	9.93	112	135891	21.973	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.06	131	69664	23.915	ug/l	99
67) Ethyl Benzene	10.03	91	232914	21.663	ug/l	97
68) m/p-Xylenes	10.25	106	174292	43.542	ug/l	92
69) o-Xylene	10.81	106	100470	22.466	ug/l	98
70) Styrene	10.89	104	142499	22.042	ug/l	98
71) Bromoform	10.88	173	36052	21.987	ug/l #	100
73) Isopropylbenzene	11.21	105	308115	21.482	ug/l	99
74) N-amyl acetate	11.44	43	66259	20.049	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.76	83	45432	19.937	ug/l	98
76) 1,2,3-Trichloropropane	11.86	75	35045	21.676	ug/l #	100
77) Bromobenzene	11.58	156	76219	21.256	ug/l	98
78) n-propylbenzene	11.66	91	321759	21.319	ug/l	99
79) 2-Chlorotoluene	11.79	91	190922	21.002	ug/l	99
80) 1,3,5-Trimethylbenzene	11.89	105	272829	22.532	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.93	75	12298m	17.017	ug/l	
82) 4-Chlorotoluene	11.97	91	187239	20.815	ug/l	98
83) tert-Butylbenzene	12.19	119	288609	23.225	ug/l	99
84) 1,2,4-Trimethylbenzene	12.27	105	257392	21.948	ug/l	94
85) sec-Butylbenzene	12.36	105	335620	21.684	ug/l	97
86) p-Isopropyltoluene	12.51	119	322359	23.231	ug/l	99
87) 1,3-Dichlorobenzene	12.53	146	142003	22.385	ug/l	100
88) 1,4-Dichlorobenzene	12.62	146	134663	22.389	ug/l	100
89) n-Butylbenzene	12.90	91	282018	22.367	ug/l	95
90) Hexachloroethane	12.97	117	77154	22.181	ug/l	96
91) 1,2-Dichlorobenzene	12.99	146	135555	22.261	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.68	75	9648	20.987	ug/l	90

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF043019\
Data File : VF062334.D
Acq On : 30 Apr 2019 15:31
Operator : FY/SY
Sample : VF0430SBSD01
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0430SBSD01

Quant Time: May 01 07:55:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	126894	23.720	ug/l	97
94) Hexachlorobutadiene	14.23	225	92172	23.958	ug/l	99
95) Naphthalene	14.48	128	187619	22.638	ug/l	99
96) 1,2,3-Trichlorobenzene	14.63	180	122022	24.118	ug/l	99

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

