

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052019\
 Data File : VF062655.D
 Acq On : 20 May 2019 12:41
 Operator : FY/SY
 Sample : VF0520SBSD01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0520SBSD01

Quant Time: May 20 14:46:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	928742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1457287	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	1157845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	591720	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.06	65	284119	43.29	ug/l	0.02
Spiked Amount			Recovery	=	86.58%	
35) Dibromofluoromethane	4.33	113	510784	45.81	ug/l	0.00
Spiked Amount			Recovery	=	91.62%	
50) Toluene-d8	7.73	98	1242496	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	
62) 4-Bromofluorobenzene	11.50	95	453375	44.90	ug/l	0.00
Spiked Amount			Recovery	=	89.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.01	85	228907	18.111	ug/l	94
3) Chloromethane	1.14	50	239743	20.601	ug/l	95
4) Vinyl Chloride	1.19	62	223291	20.844	ug/l	100
5) Bromomethane	1.38	94	105780	18.050	ug/l	100
6) Chloroethane	1.44	64	71464	18.165	ug/l	98
7) Trichlorofluoromethane	1.56	101	289054	20.096	ug/l #	84
8) Diethyl Ether	1.72	74	60644	21.283	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	1.91	101	186939	20.411	ug/l	98
10) Methyl Iodide	1.99	142	366243	20.356	ug/l	96
11) Tert butyl alcohol	2.70	59	44662	103.076	ug/l #	87
12) 1,1-Dichloroethene	1.87	96	177451	21.269	ug/l	98
13) Acrolein	2.11	56	45664	100.961	ug/l	98
14) Allyl chloride	2.21	41	213655	28.295	ug/l	93
15) Acrylonitrile	3.11	53	139764	114.351	ug/l	96
16) Acetone	2.36	43	146144	85.834	ug/l	96
17) Carbon Disulfide	1.91	76	536389	21.691	ug/l	98
18) Methyl Acetate	2.47	43	58450	21.846	ug/l	95
19) Methyl tert-butyl Ether	2.56	73	322079	21.595	ug/l	98
20) Methylene Chloride	2.30	84	194248m	22.761	ug/l	
21) trans-1,2-Dichloroethene	2.44	96	182890	22.427	ug/l	92
22) Diisopropyl ether	2.95	45	424838	22.812	ug/l	98
23) Vinyl Acetate	3.36	43	1309289	104.218	ug/l	98
24) 1,1-Dichloroethane	3.03	63	288511	21.117	ug/l	100
25) 2-Butanone	4.54	43	356877	98.106	ug/l	97
26) 2,2-Dichloropropane	3.80	77	181284	23.191	ug/l	97
27) cis-1,2-Dichloroethene	3.67	96	273154	20.364	ug/l	96
28) Bromochloromethane	3.92	49	146455	19.113	ug/l	93
29) Tetrahydrofuran	4.29	42	157266	106.835	ug/l	98
30) Chloroform	4.07	83	386112	20.355	ug/l	99
31) Cyclohexane	3.89	56	365710	19.936	ug/l	96
32) 1,1,1-Trichloroethane	4.31	97	266767	21.176	ug/l	99
36) 1,1-Dichloropropene	4.50	75	325011	21.765	ug/l	97
37) Ethyl Acetate	4.33	43	130538	21.410	ug/l	84
38) Carbon Tetrachloride	4.21	117	242252	21.571	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052019\
 Data File : VF062655.D
 Acq On : 20 May 2019 12:41
 Operator : FY/SY
 Sample : VF0520SBSD01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0520SBSD01

Quant Time: May 20 14:46:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.66	83	400717	22.302	ug/l	95
40) Benzene	4.84	78	901062	22.150	ug/l	97
41) Methacrylonitrile	4.95	41	69358	21.698	ug/l	95
42) 1,2-Dichloroethane	5.15	62	174924	21.563	ug/l	97
43) Isopropyl Acetate	7.13	43	168255	21.301	ug/l #	100
44) Trichloroethene	5.71	130	250796	21.935	ug/l	89
45) 1,2-Dichloropropane	6.43	63	219354	21.360	ug/l	95
46) Dibromomethane	6.28	93	131528	22.162	ug/l	95
47) Bromodichloromethane	6.58	83	273666	22.212	ug/l	97
48) Methyl methacrylate	6.89	41	90670	21.961	ug/l	99
49) 1,4-Dioxane	6.89	88	18626	352.236	ug/l #	82
51) 4-Methyl-2-Pentanone	8.42	43	633075	117.253	ug/l	93
52) Toluene	7.80	92	453992	21.279	ug/l	89
53) t-1,3-Dichloropropene	8.44	75	243451	24.152	ug/l	96
54) cis-1,3-Dichloropropene	7.48	75	319411	22.637	ug/l	98
55) 1,1,2-Trichloroethane	8.66	97	145730	23.070	ug/l	98
56) Ethyl methacrylate	8.77	69	171611	22.803	ug/l	98
57) 1,3-Dichloropropane	9.01	76	234760	21.819	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.46	63	252582	103.109	ug/l	99
59) 2-Hexanone	9.64	43	425030	111.090	ug/l	98
60) Dibromochloromethane	8.87	129	186371	22.637	ug/l	96
61) 1,2-Dibromoethane	9.15	107	156393	23.309	ug/l	97
64) Tetrachloroethene	8.32	164	193190	21.061	ug/l	96
65) Chlorobenzene	9.95	112	494505	21.745	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.07	131	204997	22.455	ug/l	99
67) Ethyl Benzene	10.05	91	915432	23.172	ug/l	100
68) m/p-Xylenes	10.27	106	636492	42.866	ug/l	82
69) o-Xylene	10.83	106	338283	22.119	ug/l	100
70) Styrene	10.90	104	517174	22.248	ug/l	99
71) Bromoform	10.89	173	102077	22.325	ug/l	97
73) Isopropylbenzene	11.23	105	949045	22.378	ug/l	98
74) N-amyl acetate	11.45	43	241291	19.017	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.78	83	177216	20.447	ug/l	97
76) 1,2,3-Trichloropropane	11.88	75	111117	19.512	ug/l	97
77) Bromobenzene	11.59	156	214159	20.315	ug/l	97
78) n-propylbenzene	11.68	91	1058639	21.092	ug/l	93
79) 2-Chlorotoluene	11.81	91	598656	21.165	ug/l	99
80) 1,3,5-Trimethylbenzene	11.91	105	706704	20.782	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.95	75	48937m	19.332	ug/l	
82) 4-Chlorotoluene	11.98	91	572677	20.531	ug/l	96
83) tert-Butylbenzene	12.20	119	742150	21.511	ug/l	99
84) 1,2,4-Trimethylbenzene	12.27	105	701012	21.299	ug/l	93
85) sec-Butylbenzene	12.38	105	982102	21.211	ug/l	99
86) p-Isopropyltoluene	12.53	119	835667	21.416	ug/l	97
87) 1,3-Dichlorobenzene	12.55	146	407167	21.349	ug/l	94
88) 1,4-Dichlorobenzene	12.64	146	372292	20.801	ug/l	96
89) n-Butylbenzene	12.90	91	898705	23.360	ug/l	94
90) Hexachloroethane	12.98	117	208365	22.260	ug/l	86
91) 1,2-Dichlorobenzene	13.00	146	379169	22.303	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.70	75	22429	21.693	ug/l	94

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052019\
Data File : VF062655.D
Acq On : 20 May 2019 12:41
Operator : FY/SY
Sample : VF0520SBSD01
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0520SBSD01

Quant Time: May 20 14:46:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	249144	20.473	ug/l	94
94) Hexachlorobutadiene	14.23	225	175208	20.631	ug/l	97
95) Naphthalene	14.50	128	421094	19.047	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	227236	19.714	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052019\
 Data File : VF062655.D
 Acq On : 20 May 2019 12:41
 Operator : FY/SY
 Sample : VF0520SBSD01
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0520SBSD01

Quant Time: May 20 14:46:07 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

