

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF043019\
 Data File : VF062336.D
 Acq On : 30 Apr 2019 16:27
 Operator : FY/SY
 Sample : K2623-02
 Misc : 4.40g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1

Quant Time: May 01 02:53:44 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	5333	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	4910	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	1847	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	60	50.00	ug/l	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	1245	28.82	ug/l	-0.03
Spiked Amount			Recovery	=	57.64%	
35) Dibromofluoromethane	4.30	113	1452	39.88	ug/l	-0.02
Spiked Amount			Recovery	=	79.76%	
50) Toluene-d8	7.70	98	3816	42.91	ug/l	-0.02
Spiked Amount			Recovery	=	85.82%	
62) 4-Bromofluorobenzene	11.48	95	173	4.72	ug/l	-0.02
Spiked Amount			Recovery	=	9.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.00	85	219	3.456	ug/l #	40
3) Chloromethane	1.13	50	113	2.116	ug/l #	44
4) Vinyl Chloride	1.13	62	102	2.017	ug/l #	44
5) Bromomethane	1.37	94	61	1.776	ug/l #	6
6) Chloroethane	1.45	64	63	2.842	ug/l #	42
7) Trichlorofluoromethane	1.80	101	123	1.531	ug/l #	15
8) Diethyl Ether	1.81	74	86	5.908	ug/l	52
9) 1,1,2-Trichlorotrifluoroet	1.93	101	70	1.388	ug/l #	19
11) Tert butyl alcohol	2.61	59	128	48.984	ug/l #	1
12) 1,1-Dichloroethene	1.86	96	198	4.401	ug/l #	1
13) Acrolein	2.08	56	172	76.140	ug/l #	10
14) Allyl chloride	2.23	41	307	6.270	ug/l #	1
15) Acrylonitrile	3.10	53	86	11.883	ug/l #	1
16) Acetone	2.33	43	840	86.850	ug/l #	56
18) Methyl Acetate	2.48	43	293	14.145	ug/l #	59
19) Methyl tert-butyl Ether	2.57	73	358	4.174	ug/l #	57
20) Methylene Chloride	2.35	84	67	Below Cal	#	53
21) trans-1,2-Dichloroethene	2.47	96	77	1.732	ug/l #	1
22) Diisopropyl ether	2.94	45	151	1.146	ug/l #	13
23) Vinyl Acetate	3.35	43	150	2.566	ug/l #	78
25) 2-Butanone	4.53	43	563	36.711	ug/l #	57
26) 2,2-Dichloropropane	3.57	77	358	9.163	ug/l	95
27) cis-1,2-Dichloroethene	3.66	96	63	1.119	ug/l #	1
28) Bromochloromethane	3.83	49	83	2.618	ug/l #	2
29) Tetrahydrofuran	4.25	42	233	34.577	ug/l #	37
30) Chloroform	4.00	83	102	1.080	ug/l #	18
31) Cyclohexane	3.95	56	175	2.444	ug/l #	16
36) 1,1-Dichloropropene	4.43	75	176	3.885	ug/l #	1
37) Ethyl Acetate	4.28	43	315	16.529	ug/l #	20
38) Carbon Tetrachloride	4.18	117	69	1.498	ug/l #	12
39) Methylcyclohexane	5.88	83	61	1.154	ug/l #	15
41) Methacrylonitrile	4.93	41	385	36.365	ug/l #	22
43) Isopropyl Acetate	7.09	43	364	18.506	ug/l #	46
45) 1,2-Dichloropropane	6.40	63	222	8.997	ug/l #	62

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF043019\
 Data File : VF062336.D
 Acq On : 30 Apr 2019 16:27
 Operator : FY/SY
 Sample : K2623-02
 Misc : 4.40g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1

Quant Time: May 01 02:53:44 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)

47) Bromodichloromethane	6.48	83	73	1.743	ug/l #	1
48) Methyl methacrylate	6.90	41	817	58.516	ug/l #	23
49) 1,4-Dioxane	6.95	88	65	404.298	ug/l #	1
51) 4-Methyl-2-Pentanone	8.26	43	325	21.644	ug/l	98
52) Toluene	7.63	92	84	1.330	ug/l #	1
53) t-1,3-Dichloropropene	8.33	75	93	3.019	ug/l #	41
54) cis-1,3-Dichloropropene	7.50	75	63	1.597	ug/l #	1
55) 1,1,2-Trichloroethane	8.80	97	69	3.847	ug/l #	14
56) Ethyl methacrylate	8.71	69	60	3.045	ug/l #	1
57) 1,3-Dichloropropane	9.04	76	85	3.014	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.28	63	63	10.507	ug/l #	44
59) 2-Hexanone	9.60	43	110	Below Cal	#	28
60) Dibromochloromethane	8.71	129	101	3.470	ug/l #	11
61) 1,2-Dibromoethane	9.09	107	83	3.998	ug/l #	1
64) Tetrachloroethene	8.13	164	72	4.661	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	9.89	131	67	4.214	ug/l #	1
67) Ethyl Benzene	10.02	91	442	7.533	ug/l #	43
68) m/p-Xylenes	10.25	106	70	3.204	ug/l #	1
69) o-Xylene	10.65	106	63	2.581	ug/l #	1
70) Styrene	10.88	104	89	2.522	ug/l #	30
73) Isopropylbenzene	11.23	105	234	56.922	ug/l #	50
74) N-amyl acetate	11.47	43	589	621.840	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	11.78	83	95	145.457	ug/l #	94
76) 1,2,3-Trichloropropane	11.85	75	169	364.710	ug/l #	100
78) n-propylbenzene	11.67	91	129	29.823	ug/l #	52
79) 2-Chlorotoluene	11.81	91	66	25.331	ug/l #	1
80) 1,3,5-Trimethylbenzene	11.77	105	87	25.069	ug/l	65
81) trans-1,4-Dichloro-2-buten	11.98	75	154	743.497	ug/l #	7
82) 4-Chlorotoluene	12.02	91	128	49.649	ug/l #	40
83) tert-Butylbenzene	12.23	119	286	80.302	ug/l #	68
84) 1,2,4-Trimethylbenzene	12.28	105	75	22.314	ug/l #	29
85) sec-Butylbenzene	12.37	105	160	36.069	ug/l #	56
86) p-Isopropyltoluene	12.49	119	66	16.595	ug/l #	50
89) n-Butylbenzene	12.87	91	297	82.188	ug/l #	28
90) Hexachloroethane	12.97	117	224	224.690	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.71	75	158	1199.185	ug/l #	31
93) 1,2,4-Trichlorobenzene	14.34	180	61	39.786	ug/l #	11
95) Naphthalene	14.48	128	82	34.522	ug/l #	7

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

