

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021119\
 Data File : VF061598.D
 Acq On : 11 Feb 2019 21:00
 Operator : VA/AP
 Sample : K1458-06RE
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-4RE

Quant Time: Feb 12 03:29:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	2076	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.57	114	2605	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	1763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.53	152	244	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	307	11.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	23.96%	
35) Dibromofluoromethane	4.14	113	62	3.02	ug/l	0.04
Spiked Amount	50.000		Recovery	=	6.04%	
50) Toluene-d8	7.53	98	2362	41.94	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	83.88%	
62) 4-Bromofluorobenzene	11.32	95	71	2.70	ug/l	-0.08
Spiked Amount	50.000		Recovery	=	5.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.98	85	66	1.618	ug/l #	38
3) Chloromethane	1.12	50	331	11.067	ug/l #	44
4) Vinyl Chloride	1.14	62	87	3.270	ug/l #	1
5) Bromomethane	1.32	94	336	19.367	ug/l #	2
6) Chloroethane	1.37	64	66	5.598	ug/l #	1
7) Trichlorofluoromethane	1.47	101	65	1.257	ug/l #	19
8) Diethyl Ether	1.57	74	59	8.902	ug/l	68
9) 1,1,2-Trichlorotrifluoroet	1.91	101	78	3.139	ug/l #	20
10) Methyl Iodide	1.97	142	77	1.999	ug/l #	27
11) Tert butyl alcohol	2.52	59	85	78.348	ug/l #	64
12) 1,1-Dichloroethene	1.78	96	81	4.387	ug/l #	1
13) Acrolein	2.03	56	318	336.563	ug/l	86
14) Allyl chloride	2.04	41	304	2.099	ug/l #	73
15) Acrylonitrile	2.95	53	809	291.112	ug/l #	14
16) Acetone	2.26	43	851	165.504	ug/l #	39
17) Carbon Disulfide	1.81	76	64	1.112	ug/l #	69
18) Methyl Acetate	2.31	43	1085	106.403	ug/l #	61
19) Methyl tert-butyl Ether	2.43	73	72	1.740	ug/l #	59
20) Methylene Chloride	2.17	84	98	3.998	ug/l #	1
21) trans-1,2-Dichloroethene	2.34	96	74	3.643	ug/l #	1
22) Diisopropyl ether	2.83	45	367	5.585	ug/l #	1
23) Vinyl Acetate	3.17	43	664	25.875	ug/l #	78
24) 1,1-Dichloroethane	2.88	63	78	1.891	ug/l #	1
25) 2-Butanone	4.32	43	67	7.836	ug/l #	57
26) 2,2-Dichloropropane	3.60	77	62	2.447	ug/l #	61
27) cis-1,2-Dichloroethene	3.42	96	63	2.101	ug/l	1
29) Tetrahydrofuran	4.08	42	74	20.098	ug/l #	38
31) Cyclohexane	3.67	56	72	1.748	ug/l #	13
32) 1,1,1-Trichloroethane	3.99	97	66	1.617	ug/l #	22
36) 1,1-Dichloropropene	4.13	75	91	3.013	ug/l #	44
37) Ethyl Acetate	4.07	43	143	11.844	ug/l #	5
41) Methacrylonitrile	4.77	41	89	13.854	ug/l #	45
42) 1,2-Dichloroethane	4.92	62	64	2.672	ug/l	76
43) Isopropyl Acetate	6.94	43	140	9.239	ug/l #	51

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46) Dibromomethane	5.93	93	89	7.588	ug/l #	6
48) Methyl methacrylate	6.68	41	88	8.648	ug/l #	19
51) 4-Methyl-2-Pentanone	8.23	43	63	5.655	ug/l #	39
56) Ethyl methacrylate	8.46	69	64	4.377	ug/l #	21
57) 1,3-Dichloropropane	8.86	76	63	2.674	ug/l #	43
59) 2-Hexanone	9.48	43	190	24.459	ug/l	100
67) Ethyl Benzene	9.84	91	67	1.023	ug/l #	46
68) m/p-Xylenes	10.09	106	88	3.735	ug/l #	1
74) N-amyl acetate	11.40	43	242	51.570	ug/l #	47
79) 2-Chlorotoluene	11.76	91	72	5.229	ug/l #	45
82) 4-Chlorotoluene	11.76	91	72	5.182	ug/l #	43
83) tert-Butylbenzene	12.08	119	66	3.982	ug/l #	28
86) p-Isopropyltoluene	12.30	119	72	3.896	ug/l #	50
91) 1,2-Dichlorobenzene	12.77	146	64	8.163	ug/l #	24
93) 1,2,4-Trichlorobenzene	14.31	180	62	11.289	ug/l #	11

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

