

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041619\
 Data File : VF062179.D
 Acq On : 16 Apr 2019 16:46
 Operator : FY/SY
 Sample : K2345-01RE
 Misc : 7.70u/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1RE

Quant Time: Apr 17 08:06:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F041619S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 07:56:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.78
63) Chlorobenzene-d5	9.92	117	404	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	83	50.00	ug/l	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.07	65	132	98.38	ug/l	0.04
Spiked Amount						
			Recovery	=		196.76%
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount						
			Recovery	=		0.00%
50) Toluene-d8	7.70	98	230	0.00	ug/l	-0.02
Spiked Amount						
			Recovery	=		0.00%
62) 4-Bromofluorobenzene	11.49	95	673	0.00	ug/l	0.00
Spiked Amount						
			Recovery	=		0.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.98	85	334	152.784	ug/l #	41
3) Chloromethane	1.13	50	251	106.686	ug/l #	1
4) Vinyl Chloride	1.16	62	65	31.578	ug/l #	43
5) Bromomethane	1.30	94	287	216.820	ug/l #	84
6) Chloroethane	1.45	64	105	107.737	ug/l #	1
7) Trichlorofluoromethane	1.46	101	118	47.930	ug/l #	16
8) Diethyl Ether	1.76	74	140	281.708	ug/l #	63
9) 1,1,2-Trichlorotrifluoroet	1.93	101	75	46.644	ug/l #	21
10) Methyl Iodide	1.98	142	112	37.419	ug/l #	38
11) Tert butyl alcohol	2.66	59	67	900.867	ug/l #	1
12) 1,1-Dichloroethene	1.86	96	231	141.260	ug/l #	1
13) Acrolein	2.13	56	745	12716.537	ug/l #	44
14) Allyl chloride	2.21	41	639	259.514	ug/l #	78
15) Acrylonitrile	3.11	53	719	2601.786	ug/l #	45
16) Acetone	2.39	43	684	2261.003	ug/l #	50
17) Carbon Disulfide	1.95	76	69	14.895	ug/l #	1
18) Methyl Acetate	2.44	43	621	Below Cal	#	90
19) Methyl tert-butyl Ether	2.54	73	178	65.440	ug/l #	1
20) Methylene Chloride	2.30	84	438	334.776	ug/l #	29
21) trans-1,2-Dichloroethene	2.42	96	256	163.620	ug/l #	12
22) Diisopropyl ether	2.90	45	348	76.032	ug/l #	1
23) Vinyl Acetate	3.36	43	876	383.691	ug/l #	79
24) 1,1-Dichloroethane	3.04	63	263	103.186	ug/l #	86
25) 2-Butanone	4.52	43	453	697.087	ug/l #	57
26) 2,2-Dichloropropane	3.75	77	458	341.636	ug/l #	49
27) cis-1,2-Dichloroethene	3.64	96	856	412.156	ug/l #	1
28) Bromochloromethane	3.84	49	63	51.618	ug/l #	14
29) Tetrahydrofuran	4.26	42	218	754.240	ug/l #	1
30) Chloroform	3.98	83	302	95.305	ug/l #	93
31) Cyclohexane	3.89	56	291	88.372	ug/l #	16
32) 1,1,1-Trichloroethane	4.28	97	83	38.413	ug/l #	21
65) Chlorobenzene	9.94	112	178	21.180	ug/l #	41
66) 1,1,1,2-Tetrachloroethane	10.04	131	64	18.446	ug/l #	4
67) Ethyl Benzene	10.02	91	576	36.973	ug/l #	44

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

68) m/p-Xylenes	10.15	106	82	14.299	ug/l #	22
69) o-Xylene	10.94	106	75	12.079	ug/l	86
70) Styrene	10.92	104	63	6.977	ug/l #	15
73) Isopropylbenzene	11.24	105	1012	141.529	ug/l #	49
74) N-amyl acetate	11.46	43	464	305.713	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	11.81	83	156	122.472	ug/l #	75
76) 1,2,3-Trichloropropane	11.87	75	292	338.027	ug/l #	1
78) n-propylbenzene	11.67	91	587	72.222	ug/l #	52
79) 2-Chlorotoluene	11.90	91	491	102.485	ug/l	99
80) 1,3,5-Trimethylbenzene	11.91	105	475	79.649	ug/l #	26
81) trans-1,4-Dichloro-2-buten	11.95	75	72	166.654	ug/l #	1
82) 4-Chlorotoluene	11.90	91	491	104.579	ug/l	98
83) tert-Butylbenzene	12.22	119	484	81.732	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.24	105	554	95.721	ug/l #	28
85) sec-Butylbenzene	12.36	105	581	74.613	ug/l #	59
86) p-Isopropyltoluene	12.53	119	141	21.255	ug/l #	1
87) 1,3-Dichlorobenzene	12.56	146	95	34.917	ug/l #	23
88) 1,4-Dichlorobenzene	12.56	146	95	35.813	ug/l #	23
89) n-Butylbenzene	12.91	91	418	72.741	ug/l #	26
90) Hexachloroethane	12.99	117	166	102.156	ug/l #	13
91) 1,2-Dichlorobenzene	12.99	146	123	47.108	ug/l #	22
92) 1,2-Dibromo-3-Chloropropan	13.68	75	82	357.434	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.23	180	62	31.617	ug/l #	11
95) Naphthalene	14.48	128	509	148.570	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.58	180	66	36.125	ug/l #	1

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

