

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050819\
 Data File : VF062388.D
 Acq On : 8 May 2019 20:20
 Operator : FY/SY
 Sample : K2672-01RE
 Misc : 5.01µ/5mL/MSVOA F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-01-1.0-1.5RE

Quant Time: May 09 05:04:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	3297	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.77	114	2010	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.82	152	59	50.00	ug/l	0.21

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	157	5.04	ug/l	-0.19
Spiked Amount			Recovery	=	10.08%	
35) Dibromofluoromethane	4.29	113	108	6.74	ug/l	0.00
Spiked Amount			Recovery	=	13.48%	
50) Toluene-d8	7.71	98	503	12.98	ug/l	0.00
Spiked Amount			Recovery	=	25.96%	
62) 4-Bromofluorobenzene	11.72	95	63	3.60	ug/l	0.23
Spiked Amount			Recovery	=	7.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.99	85	77	2.018	ug/l #	41
3) Chloromethane	1.17	50	101	4.013	ug/l #	42
4) Vinyl Chloride	1.05	62	82	3.267	ug/l #	42
5) Bromomethane	1.40	94	234	10.364	ug/l #	3
6) Chloroethane	1.34	64	79	6.260	ug/l #	41
8) Diethyl Ether	1.58	74	120	15.228	ug/l	85
10) Methyl Iodide	1.98	142	62	1.265	ug/l #	29
11) Tert butyl alcohol	2.70	59	73	41.455	ug/l #	70
12) 1,1-Dichloroethene	1.85	96	62	2.453	ug/l #	1
13) Acrolein	2.12	56	76	53.202	ug/l #	13
14) Allyl chloride	2.20	41	474	21.228	ug/l #	94
15) Acrylonitrile	3.04	53	61	18.287	ug/l #	1
16) Acetone	2.33	43	81	12.851	ug/l #	1
17) Carbon Disulfide	1.95	76	98	1.778	ug/l #	71
18) Methyl Acetate	2.49	43	215	16.613	ug/l #	58
19) Methyl tert-butyl Ether	2.55	73	337	6.458	ug/l #	61
20) Methylene Chloride	2.29	84	229	10.042	ug/l #	1
21) trans-1,2-Dichloroethene	2.37	96	136	5.647	ug/l #	1
22) Diisopropyl ether	2.93	45	205	2.937	ug/l #	39
23) Vinyl Acetate	3.31	43	355	11.413	ug/l #	79
24) 1,1-Dichloroethane	3.01	63	131	3.106	ug/l #	86
25) 2-Butanone	4.50	43	300	37.885	ug/l #	60
26) 2,2-Dichloropropane	3.77	77	274	11.633	ug/l	88
27) cis-1,2-Dichloroethene	3.76	96	152	5.049	ug/l	37
28) Bromochloromethane	3.94	49	92	4.809	ug/l #	1
29) Tetrahydrofuran	4.24	42	181	49.734	ug/l #	36
30) Chloroform	4.02	83	60	1.053	ug/l #	19
31) Cyclohexane	3.87	56	148	4.396	ug/l #	16
36) 1,1-Dichloropropene	4.39	75	73	4.228	ug/l #	1
37) Ethyl Acetate	4.33	43	69	5.581	ug/l #	73
38) Carbon Tetrachloride	4.04	117	90	2.378	ug/l #	14
39) Methylcyclohexane	5.85	83	76	4.389	ug/l #	14
40) Benzene	4.83	78	263	6.917	ug/l #	48
41) Methacrylonitrile	4.95	41	513	123.907	ug/l #	22

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

42) 1,2-Dichloroethane	4.98	62	69	4.339	ug/l #	82
43) Isopropyl Acetate	7.10	43	163	20.754	ug/l #	48
44) Trichloroethene	5.82	130	65	4.654	ug/l	2
45) 1,2-Dichloropropane	6.27	63	94	10.915	ug/l #	43
46) Dibromomethane	6.35	93	62	8.683	ug/l #	1
47) Bromodichloromethane	6.51	83	70	3.921	ug/l #	27
48) Methyl methacrylate	6.84	41	428	77.115	ug/l #	17
51) 4-Methyl-2-Pentanone	8.41	43	88	14.787	ug/l #	40
52) Toluene	7.79	92	98	4.178	ug/l #	23
53) t-1,3-Dichloropropene	8.49	75	104	7.702	ug/l #	43
54) cis-1,3-Dichloropropene	7.46	75	62	3.945	ug/l #	74
56) Ethyl methacrylate	8.88	69	97	12.341	ug/l #	1
57) 1,3-Dichloropropane	9.01	76	93	8.268	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.50	63	83	35.123	ug/l #	42
59) 2-Hexanone	9.62	43	302	73.376	ug/l #	28
60) Dibromochloromethane	8.89	129	75	6.158	ug/l #	11
61) 1,2-Dibromoethane	8.92	107	140	15.997	ug/l #	3
64) Tetrachloroethene	8.32	164	77	55.793	ug/l #	1
65) Chlorobenzene	9.80	112	81	28.797	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	10.20	131	88	62.018	ug/l #	54
67) Ethyl Benzene	10.06	91	67	13.603	ug/l #	45
68) m/p-Xylenes	10.36	106	66	36.318	ug/l #	31
70) Styrene	10.79	104	73	24.804	ug/l #	28
71) Bromoform	10.83	173	60	77.183	ug/l #	29
73) Isopropylbenzene	10.99	105	63	18.012	ug/l #	50
74) N-amyl acetate	11.42	43	821	1093.327	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	11.84	83	104	189.899	ug/l #	1
76) 1,2,3-Trichloropropane	11.87	75	68	162.746	ug/l #	100
77) Bromobenzene	11.37	156	61	66.451	ug/l #	1
78) n-propylbenzene	11.66	91	116	31.150	ug/l #	52
79) 2-Chlorotoluene	11.66	91	116	50.095	ug/l #	1
80) 1,3,5-Trimethylbenzene	11.87	105	77	25.116	ug/l #	28
81) trans-1,4-Dichloro-2-buten	11.92	75	171	1088.775	ug/l #	55
82) 4-Chlorotoluene	11.93	91	95	41.538	ug/l #	39
83) tert-Butylbenzene	12.13	119	61	18.933	ug/l #	26
84) 1,2,4-Trimethylbenzene	12.21	105	72	23.999	ug/l #	31
85) sec-Butylbenzene	12.35	105	60	15.299	ug/l #	57
86) p-Isopropyltoluene	12.54	119	90	24.701	ug/l #	1
87) 1,3-Dichlorobenzene	12.68	146	75	44.735	ug/l #	25
88) 1,4-Dichlorobenzene	12.68	146	75	46.350	ug/l #	25
89) n-Butylbenzene	12.91	91	91	28.072	ug/l #	29
90) Hexachloroethane	13.05	117	84	92.332	ug/l #	3
91) 1,2-Dichlorobenzene	12.98	146	73	44.986	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.73	75	132	1075.857	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.39	180	70	48.093	ug/l #	11
94) Hexachlorobutadiene	14.15	225	59	54.386	ug/l #	18
95) Naphthalene	14.24	128	62	28.333	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.60	180	88	62.407	ug/l #	11

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

