

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050819\
 Data File : VF062385.D
 Acq On : 8 May 2019 18:56
 Operator : FY/SY
 Sample : K2672-13RE
 Misc : 5.05µ/5mL/MSVOA F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-07-1.5-2.0RE

Quant Time: May 09 05:02:52 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	5.03	168	20256	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	23409	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.89	117	9736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.60	152	1671	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.00	65	5637	29.45	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	58.90%	
35) Dibromofluoromethane	4.29	113	8633	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
50) Toluene-d8	7.70	98	20508	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	
62) 4-Bromofluorobenzene	11.48	95	3484	17.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.22%	

Target Compounds

					Qvalue	
3) Chloromethane	1.17	50	812	5.252	ug/l	91
5) Bromomethane	1.42	94	173	Below Cal	#	37
8) Diethyl Ether	1.69	74	96	1.983	ug/l	74
11) Tert butyl alcohol	2.70	59	137	12.663	ug/l #	16
13) Acrolein	2.08	56	74	Below Cal	#	1
14) Allyl chloride	2.21	41	459	3.346	ug/l #	5
15) Acrylonitrile	3.06	53	153	7.466	ug/l #	10
16) Acetone	2.32	43	426	11.001	ug/l #	62
18) Methyl Acetate	2.44	43	369	2.233	ug/l	98
19) Methyl tert-butyl Ether	2.55	73	441	1.376	ug/l #	61
25) 2-Butanone	4.49	43	654	13.443	ug/l #	60
26) 2,2-Dichloropropane	3.81	77	321	2.218	ug/l	92
27) cis-1,2-Dichloroethene	3.83	96	231	1.249	ug/l	33
29) Tetrahydrofuran	4.23	42	308	13.775	ug/l #	75
37) Ethyl Acetate	4.29	43	89	Below Cal	#	73
38) Carbon Tetrachloride	4.16	117	76	Below Cal	#	60
41) Methacrylonitrile	4.93	41	615	12.755	ug/l #	33
43) Isopropyl Acetate	7.10	43	1079	11.797	ug/l #	62
48) Methyl methacrylate	6.84	41	69	1.067	ug/l #	1
49) 1,4-Dioxane	7.07	88	127	180.326	ug/l #	16
51) 4-Methyl-2-Pentanone	8.27	43	200	2.886	ug/l	95
55) 1,1,2-Trichloroethane	8.59	97	143	1.649	ug/l #	14
58) 2-Chloroethyl Vinyl ether	7.31	63	71	2.580	ug/l #	42
59) 2-Hexanone	9.63	43	174	3.630	ug/l	87
61) 1,2-Dibromoethane	9.12	107	102	1.001	ug/l #	3
66) 1,1,1,2-Tetrachloroethane	10.15	131	88	1.083	ug/l #	7
73) Isopropylbenzene	11.19	105	499	5.037	ug/l #	50
74) N-amyl acetate	11.47	43	370	17.397	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.78	83	79	5.093	ug/l #	81
76) 1,2,3-Trichloropropane	11.80	75	79	6.676	ug/l #	100
77) Bromobenzene	11.62	156	62	2.385	ug/l #	1
78) n-propylbenzene	11.64	91	290	2.750	ug/l #	52
79) 2-Chlorotoluene	11.78	91	96	1.464	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.87	105	88	1.013	ug/l	72

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81) trans-1,4-Dichloro-2-buten	11.97	75	286	64.296	µg/l #	5
82) 4-Chlorotoluene	12.19	91	207	3.196	µg/l	92
83) tert-Butylbenzene	12.18	119	311	3.408	µg/l	93
84) 1,2,4-Trimethylbenzene	12.18	105	148	1.742	µg/l #	31
85) sec-Butylbenzene	12.37	105	235	2.116	µg/l	84
86) p-Isopropyltoluene	12.51	119	186	1.802	µg/l #	50
87) 1,3-Dichlorobenzene	12.69	146	64	1.348	µg/l #	25
88) 1,4-Dichlorobenzene	12.69	146	64	1.397	µg/l #	25
89) n-Butylbenzene	12.88	91	176	1.917	µg/l #	29
90) Hexachloroethane	12.69	117	73	2.833	µg/l	72
92) 1,2-Dibromo-3-Chloropropan	13.70	75	128	36.835	µg/l #	1
94) Hexachlorobutadiene	14.28	225	65	2.116	µg/l #	37
95) Naphthalene	14.53	128	69	1.113	µg/l #	69

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

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