

Data File : VF062492.D
Acq On : 12 May 2019 7:34
Operator : FY/SY
Sample : K2756-09
Misc : 5.79/5mL/MSVOA_F/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-1218-01

Quant Time: May 12 10:07:20 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	5.07	168	23413	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	17297	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.93	117	7724	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	1738	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	3803	17.19	ug/l	0.02
Spiked Amount	50.000		Recovery	=	34.38%	
35) Dibromofluoromethane	4.32	113	5763	41.82	ug/l	0.02
Spiked Amount	50.000		Recovery	=	83.64%	
50) Toluene-d8	7.72	98	10661	31.96	ug/l	0.02
Spiked Amount	50.000		Recovery	=	63.92%	
62) 4-Bromofluorobenzene	11.50	95	1942	12.90	ug/l	0.02
Spiked Amount	50.000		Recovery	=	25.80%	

Target Compounds					Qvalue	
3) Chloromethane	1.13	50	795	4.449	ug/l #	42
5) Bromomethane	1.42	94	119	Below Cal	#	58
6) Chloroethane	1.62	64	96	1.071	ug/l #	41
8) Diethyl Ether	1.76	74	61	1.090	ug/l #	1
11) Tert butyl alcohol	2.72	59	147	11.755	ug/l #	22
12) 1,1-Dichloroethene	1.86	96	209	1.164	ug/l #	13
14) Allyl chloride	2.17	41	720	4.541	ug/l #	83
15) Acrylonitrile	3.13	53	191	8.063	ug/l #	56
16) Acetone	2.38	43	374	8.356	ug/l #	62
18) Methyl Acetate	2.47	43	568	4.082	ug/l #	90
19) Methyl tert-butyl Ether	2.52	73	608	1.641	ug/l #	61
20) Methylene Chloride	2.36	84	251	1.550	ug/l #	1
21) trans-1,2-Dichloroethene	2.45	96	197	1.152	ug/l #	1
23) Vinyl Acetate	3.37	43	276	1.250	ug/l #	79
25) 2-Butanone	4.54	43	583	10.368	ug/l #	60
26) 2,2-Dichloropropane	3.74	77	593	3.545	ug/l	88
29) Tetrahydrofuran	4.25	42	160	6.191	ug/l #	36
37) Ethyl Acetate	4.28	43	167	Below Cal	#	73
38) Carbon Tetrachloride	4.20	117	60	Below Cal	#	14
41) Methacrylonitrile	4.92	41	240	6.736	ug/l #	12
42) 1,2-Dichloroethane	5.08	62	296	2.163	ug/l #	1
43) Isopropyl Acetate	7.12	43	79	1.169	ug/l #	8
45) 1,2-Dichloropropane	6.37	63	143	1.930	ug/l #	43
46) Dibromomethane	6.08	93	93	1.513	ug/l #	31
48) Methyl methacrylate	6.89	41	369	7.726	ug/l #	17
49) 1,4-Dioxane	6.80	88	63	116.710	ug/l #	16
51) 4-Methyl-2-Pentanone	8.45	43	210	4.101	ug/l #	40
53) t-1,3-Dichloropropene	8.39	75	248	2.134	ug/l #	43
54) cis-1,3-Dichloropropene	7.43	75	223	1.649	ug/l #	71
56) Ethyl methacrylate	8.83	69	71	1.050	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.35	63	64	3.147	ug/l #	42
59) 2-Hexanone	9.70	43	348	9.825	ug/l	81
64) Tetrachloroethene	8.29	164	63	1.005	ug/l #	1
68) m/p-Xylenes	10.24	106	85	1.029	ug/l #	1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) o-Xylene	10.59	106	122	1.367	ug/l #	1
70) Styrene	10.79	104	138	1.032	ug/l #	28
71) Bromoform	11.13	173	61	1.727	ug/l #	29
74) N-amyl acetate	11.43	43	467	21.112	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	11.75	83	61	3.781	ug/l #	62
76) 1,2,3-Trichloropropane	11.83	75	140	11.374	ug/l #	100
78) n-propylbenzene	11.65	91	128	1.167	ug/l #	35
79) 2-Chlorotoluene	11.81	91	76	1.114	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.98	75	139	30.044	ug/l #	5
83) tert-Butylbenzene	12.20	119	145	1.528	ug/l #	62
85) sec-Butylbenzene	12.38	105	288	2.493	ug/l	94
86) p-Isopropyltoluene	12.49	119	228	2.124	ug/l #	70
87) 1,3-Dichlorobenzene	12.62	146	64	1.296	ug/l #	25
88) 1,4-Dichlorobenzene	12.62	146	64	1.343	ug/l #	25
91) 1,2-Dichlorobenzene	12.83	146	59	1.234	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.66	75	105	29.052	ug/l #	1
94) Hexachlorobutadiene	14.02	225	62	1.940	ug/l #	18
95) Naphthalene	14.46	128	72	1.117	ug/l #	69

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

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