

Data File : VF062489.D
Acq On : 12 May 2019 6:10
Operator : FY/SY
Sample : K2756-06
Misc : 5.35g/5mL/MSVOA_F/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0002-01

Quant Time: May 12 10:06:49 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	18687	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	12722	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	3560	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	76	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	1605	9.09	ug/l	0.01
Spiked Amount	50.000		Recovery	=	18.18%	
35) Dibromofluoromethane	4.31	113	3716	36.66	ug/l	0.01
Spiked Amount	50.000		Recovery	=	73.32%	
50) Toluene-d8	7.73	98	6163	25.12	ug/l	0.02
Spiked Amount	50.000		Recovery	=	50.24%	
62) 4-Bromofluorobenzene	11.53	95	334	3.02	ug/l	0.04
Spiked Amount	50.000		Recovery	=	6.04%	

Target Compounds					Qvalue	
5) Bromomethane	1.40	94	206	Below Cal	#	78
8) Diethyl Ether	1.75	74	62	1.388	ug/l #	1
11) Tert butyl alcohol	2.68	59	185	18.535	ug/l #	70
12) 1,1-Dichloroethene	1.87	96	381	2.659	ug/l #	1
13) Acrolein	2.13	56	76	Below Cal	#	1
14) Allyl chloride	2.22	41	222	1.754	ug/l #	43
15) Acrylonitrile	3.03	53	61	3.226	ug/l #	1
16) Acetone	2.37	43	259	7.250	ug/l #	62
18) Methyl Acetate	2.47	43	449	4.011	ug/l #	90
20) Methylene Chloride	2.29	84	365	2.824	ug/l #	60
23) Vinyl Acetate	3.38	43	315	1.787	ug/l #	79
25) 2-Butanone	4.55	43	229	5.102	ug/l #	60
29) Tetrahydrofuran	4.31	42	358	17.355	ug/l #	36
37) Ethyl Acetate	4.31	43	288	1.675	ug/l #	73
38) Carbon Tetrachloride	4.21	117	133	Below Cal	#	1
41) Methacrylonitrile	4.98	41	503	19.195	ug/l #	35
43) Isopropyl Acetate	7.12	43	143	2.877	ug/l #	48
44) Trichloroethene	5.76	130	138	1.561	ug/l	2
45) 1,2-Dichloropropane	6.27	63	72	1.321	ug/l #	43
46) Dibromomethane	6.01	93	63	1.394	ug/l #	56
48) Methyl methacrylate	6.92	41	273	7.771	ug/l #	1
51) 4-Methyl-2-Pentanone	8.44	43	127	3.372	ug/l #	40
53) t-1,3-Dichloropropene	8.48	75	91	1.065	ug/l #	17
55) 1,1,2-Trichloroethane	8.84	97	65	1.379	ug/l #	14
56) Ethyl methacrylate	8.96	69	75	1.508	ug/l #	1
57) 1,3-Dichloropropane	9.02	76	73	1.025	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.44	63	229	15.310	ug/l #	42
59) 2-Hexanone	9.58	43	149	5.720	ug/l	96
61) 1,2-Dibromoethane	9.37	107	117	2.112	ug/l	85
64) Tetrachloroethene	8.54	164	71	2.457	ug/l #	1
65) Chlorobenzene	9.98	112	71	1.205	ug/l #	43
69) o-Xylene	11.06	106	72	1.751	ug/l #	29
70) Styrene	10.90	104	78	1.266	ug/l #	54
71) Bromoform	11.13	173	66	4.054	ug/l #	29

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Isopropylbenzene	11.22	105	67	14.871	ug/l #	50
74) N-amyl acetate	11.23	43	358	370.108	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.67	83	85	120.489	ug/l #	22
76) 1,2,3-Trichloropropane	11.77	75	64	118.910	ug/l #	100
77) Bromobenzene	11.38	156	69	58.352	ug/l #	1
78) n-propylbenzene	11.88	91	66	13.759	ug/l #	52
79) 2-Chlorotoluene	11.88	91	66	22.127	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.74	105	64	16.206	ug/l #	28
81) trans-1,4-Dichloro-2-buten	11.97	75	117	578.318	ug/l #	59
82) 4-Chlorotoluene	11.91	91	125	42.430	ug/l #	39
83) tert-Butylbenzene	12.08	119	64	15.421	ug/l #	29
84) 1,2,4-Trimethylbenzene	12.13	105	70	18.113	ug/l #	31
85) sec-Butylbenzene	12.50	105	63	12.471	ug/l #	57
86) p-Isopropyltoluene	12.55	119	164	34.942	ug/l #	47
87) 1,3-Dichlorobenzene	12.62	146	63	29.172	ug/l #	25
88) 1,4-Dichlorobenzene	12.62	146	63	30.225	ug/l #	25
89) n-Butylbenzene	12.77	91	67	16.045	ug/l #	29
90) Hexachloroethane	13.05	117	73	62.292	ug/l #	3
91) 1,2-Dichlorobenzene	12.93	146	74	35.401	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.70	75	70	442.912	ug/l #	35
93) 1,2,4-Trichlorobenzene	14.12	180	79	42.135	ug/l #	11

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

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