

Data File : VF062485.D
Acq On : 12 May 2019 4:19
Operator : FY/SY
Sample : K2756-02
Misc : 6.30g/5mL/MSVOA_F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-0206-01

Quant Time: May 12 05:22:28 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	5.09	168	9410	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.79	114	5659	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.95	117	1355	50.00	ug/l	0.05
72) 1,4-Dichlorobenzene-d4	12.77	152	64	50.00	ug/l	0.16

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	839	9.43	ug/l	0.02
Spiked Amount	50.000		Recovery	=	18.86%	
35) Dibromofluoromethane	4.32	113	1224	27.15	ug/l	0.01
Spiked Amount	50.000		Recovery	=	54.30%	
50) Toluene-d8	7.73	98	3365	30.83	ug/l	0.02
Spiked Amount	50.000		Recovery	=	61.66%	
62) 4-Bromofluorobenzene	11.65	95	98	1.99	ug/l	0.16
Spiked Amount	50.000		Recovery	=	3.98%	

Target Compounds					Qvalue	
3) Chloromethane	1.18	50	81	1.128	ug/l #	1
4) Vinyl Chloride	1.20	62	304	4.243	ug/l #	42
5) Bromomethane	1.50	94	60	Below Cal	#	3
6) Chloroethane	1.32	64	78	2.166	ug/l #	41
8) Diethyl Ether	1.72	74	102	4.535	ug/l	57
9) 1,1,2-Trichlorotrifluoroet	1.96	101	164	1.932	ug/l #	78
11) Tert butyl alcohol	2.73	59	66	13.132	ug/l #	70
12) 1,1-Dichloroethene	1.92	96	291	4.033	ug/l #	1
13) Acrolein	2.14	56	79	4.714	ug/l #	11
14) Allyl chloride	2.18	41	296	4.645	ug/l #	1
15) Acrylonitrile	3.18	53	149	15.650	ug/l #	51
16) Acetone	2.37	43	165	9.172	ug/l #	62
18) Methyl Acetate	2.48	43	285	5.926	ug/l #	58
19) Methyl tert-butyl Ether	2.57	73	298	2.001	ug/l #	61
20) Methylene Chloride	2.32	84	92	1.414	ug/l #	32
23) Vinyl Acetate	3.39	43	137	1.543	ug/l #	79
25) 2-Butanone	4.58	43	82	3.628	ug/l #	60
26) 2,2-Dichloropropane	3.79	77	130	1.934	ug/l #	38
27) cis-1,2-Dichloroethene	3.65	96	149	1.734	ug/l #	1
28) Bromochloromethane	3.94	49	70	1.282	ug/l #	1
29) Tetrahydrofuran	4.33	42	71	6.835	ug/l #	36
32) 1,1,1-Trichloroethane	4.25	97	231	1.657	ug/l #	22
36) 1,1-Dichloropropene	4.50	75	88	1.810	ug/l #	42
37) Ethyl Acetate	4.35	43	395	17.434	ug/l #	84
38) Carbon Tetrachloride	4.40	117	73	Below Cal	#	14
39) Methylcyclohexane	5.65	83	73	1.497	ug/l #	71
41) Methacrylonitrile	4.92	41	489	41.951	ug/l #	34
42) 1,2-Dichloroethane	5.19	62	66	1.474	ug/l #	82
43) Isopropyl Acetate	7.15	43	584	26.412	ug/l #	48
44) Trichloroethene	5.68	130	79	2.009	ug/l	2
45) 1,2-Dichloropropane	6.34	63	92	3.794	ug/l #	43
46) Dibromomethane	6.07	93	66	3.283	ug/l #	1
47) Bromodichloromethane	6.48	83	63	1.253	ug/l #	27
48) Methyl methacrylate	6.92	41	160	10.239	ug/l #	17

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) 1,4-Dioxane	6.82	88	63	383.960	ug/l #	1
51) 4-Methyl-2-Pentanone	8.49	43	209	12.474	ug/l	90
53) t-1,3-Dichloropropene	8.46	75	72	1.894	ug/l #	43
54) cis-1,3-Dichloropropene	7.48	75	111	2.509	ug/l #	67
55) 1,1,2-Trichloroethane	8.62	97	125	5.963	ug/l #	14
56) Ethyl methacrylate	8.79	69	76	3.434	ug/l #	13
57) 1,3-Dichloropropane	8.95	76	62	1.958	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.34	63	76	11.423	ug/l #	1
59) 2-Hexanone	9.86	43	135	11.650	ug/l	95
60) Dibromochloromethane	9.01	129	81	2.362	ug/l #	11
61) 1,2-Dibromoethane	9.21	107	71	2.882	ug/l #	3
65) Chlorobenzene	9.95	112	63	2.810	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	10.13	131	62	5.482	ug/l #	1
67) Ethyl Benzene	10.04	91	95	2.420	ug/l #	45
68) m/p-Xylenes	10.28	106	60	4.142	ug/l #	39
70) Styrene	10.83	104	75	3.197	ug/l #	43
73) Isopropylbenzene	11.30	105	86	22.666	ug/l #	50
74) N-amyl acetate	11.42	43	264	324.103	ug/l #	39
76) 1,2,3-Trichloropropane	11.87	75	71	156.650	ug/l #	100
77) Bromobenzene	11.53	156	65	65.276	ug/l #	1
78) n-propylbenzene	11.61	91	86	21.290	ug/l #	52
79) 2-Chlorotoluene	11.61	91	86	34.238	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.07	105	135	40.595	ug/l	90
81) trans-1,4-Dichloro-2-buten	11.87	75	71	416.747	ug/l #	5
82) 4-Chlorotoluene	12.05	91	95	38.293	ug/l #	39
83) tert-Butylbenzene	12.17	119	83	23.748	ug/l #	29
84) 1,2,4-Trimethylbenzene	12.07	105	135	41.482	ug/l	83
85) sec-Butylbenzene	12.35	105	60	14.104	ug/l #	57
86) p-Isopropyltoluene	12.52	119	62	15.687	ug/l #	1
89) n-Butylbenzene	12.87	91	85	24.173	ug/l #	28
90) Hexachloroethane	12.81	117	64	64.852	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.70	75	136	1021.861	ug/l #	1
95) Naphthalene	14.48	128	60	25.277	ug/l #	69

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

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