

Data File : VF062480.D
Acq On : 12 May 2019 1:59
Operator : FY/SY
Sample : K2733-18
Misc : 6.00g/5mL/MSVOA_F/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS003-1824-01

Quant Time: May 12 03:53:26 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	5.08	168	474	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.79	114	130	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.02	117	71	50.00	ug/l	0.12
72) 1,4-Dichlorobenzene-d4	12.74	152	76	50.00	ug/l	0.13

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	296	66.08	ug/l	0.02
Spiked Amount	50.000		Recovery	=	132.16%	
35) Dibromofluoromethane	4.22	113	80	77.24	ug/l	-0.08
Spiked Amount	50.000		Recovery	=	154.48%	
50) Toluene-d8	7.77	98	86	34.30	ug/l	0.06
Spiked Amount	50.000		Recovery	=	68.60%	
62) 4-Bromofluorobenzene	11.53	95	65	57.47	ug/l	0.04
Spiked Amount	50.000		Recovery	=	114.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.83	85	93	16.953	ug/l #	41
3) Chloromethane	1.21	50	141	38.972	ug/l #	21
4) Vinyl Chloride	1.05	62	88	24.385	ug/l #	42
5) Bromomethane	1.40	94	149	54.968	ug/l #	10
6) Chloroethane	1.44	64	65	35.826	ug/l #	41
7) Trichlorofluoromethane	1.52	101	75	10.017	ug/l #	20
8) Diethyl Ether	1.54	74	87	76.791	ug/l	46
9) 1,1,2-Trichlorotrifluoroet	2.04	101	189	44.213	ug/l #	18
10) Methyl Iodide	2.08	142	60	8.517	ug/l #	29
11) Tert butyl alcohol	2.73	59	73	288.345	ug/l #	70
12) 1,1-Dichloroethene	1.88	96	123	33.846	ug/l #	1
13) Acrolein	2.15	56	106	716.784	ug/l #	15
14) Allyl chloride	2.19	41	316	98.436	ug/l #	75
15) Acrylonitrile	3.11	53	98	204.351	ug/l #	43
16) Acetone	2.36	43	233	257.126	ug/l #	62
17) Carbon Disulfide	1.90	76	135	17.037	ug/l #	71
18) Methyl Acetate	2.47	43	77	46.367	ug/l #	58
19) Methyl tert-butyl Ether	2.57	73	267	35.592	ug/l #	61
20) Methylene Chloride	2.48	84	101	30.807	ug/l #	1
21) trans-1,2-Dichloroethene	2.41	96	182	52.564	ug/l #	1
22) Diisopropyl ether	2.95	45	271	27.010	ug/l #	39
23) Vinyl Acetate	3.38	43	69	15.430	ug/l #	79
24) 1,1-Dichloroethane	2.94	63	64	10.554	ug/l #	86
25) 2-Butanone	4.58	43	262	230.138	ug/l #	60
26) 2,2-Dichloropropane	3.81	77	237	69.987	ug/l #	58
27) cis-1,2-Dichloroethene	3.63	96	70	16.174	ug/l #	65
28) Bromochloromethane	3.95	49	86	31.272	ug/l #	1
29) Tetrahydrofuran	4.30	42	188	359.310	ug/l #	61
30) Chloroform	4.09	83	107	13.061	ug/l #	19
31) Cyclohexane	3.88	56	244	50.412	ug/l #	16
32) 1,1,1-Trichloroethane	4.36	97	73	10.397	ug/l #	1
36) 1,1-Dichloropropene	4.59	75	111	99.396	ug/l #	1
37) Ethyl Acetate	4.29	43	257	654.708	ug/l #	47
38) Carbon Tetrachloride	4.15	117	66	57.389	ug/l #	14

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.71	83	68	60.714	ug/l #	26
40) Benzene	4.87	78	147	59.777	ug/l #	48
41) Methacrylonitrile	4.96	41	340	1269.728	ug/l #	21
42) 1,2-Dichloroethane	5.08	62	86	83.617	ug/l #	82
43) Isopropyl Acetate	7.14	43	574	1130.027	ug/l #	48
45) 1,2-Dichloropropane	6.42	63	66	118.491	ug/l #	43
46) Dibromomethane	6.31	93	98	212.202	ug/l #	1
48) Methyl methacrylate	6.94	41	336	936.026	ug/l #	54
49) 1,4-Dioxane	6.89	88	69	18923.905	ug/l #	34
51) 4-Methyl-2-Pentanone	8.42	43	114	296.183	ug/l #	40
52) Toluene	7.81	92	72	47.460	ug/l #	45
53) t-1,3-Dichloropropene	8.48	75	59	67.561	ug/l #	43
54) cis-1,3-Dichloropropene	7.40	75	63	61.987	ug/l #	44
55) 1,1,2-Trichloroethane	8.85	97	93	193.109	ug/l #	14
56) Ethyl methacrylate	8.82	69	60	118.024	ug/l #	1
57) 1,3-Dichloropropane	8.88	76	66	90.728	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.34	63	100	654.282	ug/l #	42
59) 2-Hexanone	9.51	43	151	567.252	ug/l	98
61) 1,2-Dibromoethane	8.93	107	61	107.769	ug/l #	3
64) Tetrachloroethene	8.20	164	64	111.034	ug/l #	1
65) Chlorobenzene	9.68	112	102	86.828	ug/l #	43
67) Ethyl Benzene	10.08	91	91	44.238	ug/l #	45
68) m/p-Xylenes	10.47	106	102	134.390	ug/l #	24
70) Styrene	10.66	104	69	56.136	ug/l #	28
73) Isopropylbenzene	11.23	105	156	34.624	ug/l #	50
74) N-amyl acetate	11.42	43	475	491.065	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	11.75	83	112	158.761	ug/l #	22
76) 1,2,3-Trichloropropane	11.84	75	61	113.336	ug/l #	100
78) n-propylbenzene	11.64	91	66	13.759	ug/l #	52
79) 2-Chlorotoluene	11.79	91	72	24.138	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.94	105	96	24.309	ug/l #	28
81) trans-1,4-Dichloro-2-buten	11.93	75	61	301.516	ug/l #	5
82) 4-Chlorotoluene	11.94	91	69	23.421	ug/l #	39
83) tert-Butylbenzene	12.21	119	138	33.251	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.38	105	75	19.407	ug/l #	31
85) sec-Butylbenzene	12.38	105	75	14.846	ug/l #	1
86) p-Isopropyltoluene	12.55	119	63	13.423	ug/l #	50
87) 1,3-Dichlorobenzene	12.76	146	105	48.620	ug/l #	25
88) 1,4-Dichlorobenzene	12.76	146	105	50.375	ug/l #	25
89) n-Butylbenzene	12.88	91	60	14.369	ug/l #	29
91) 1,2-Dichlorobenzene	13.04	146	73	34.923	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.67	75	64	404.948	ug/l #	1
95) Naphthalene	14.45	128	82	29.091	ug/l #	69

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

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MSVOA F

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