Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF073118\
Data File : VF059706.D
Acq On : 31 Jul 2018 13:47
Operator : VA/AP
Sample : J4140-02
Misc : 19.06g/5mL/MSVOA_F/SOIL
ALS Vial : 87 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EPE-F-8(85-87)

Quant Time: Jul 31 14:17:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 05:19:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	3501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	3094	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	1207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	231	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	1024	16.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 32.54%			
35) Dibromofluoromethane	4.28	113	1455	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.56%			
50) Toluene-d8	7.71	98	3246	43.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.64%			
62) 4-Bromofluorobenzene	11.50	95	379	9.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 18.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.88	85	62	Below Cal	#	44
3) Chloromethane	1.09	50	158	3.161	ug/l #	36
4) Vinyl Chloride	1.15	62	128	2.413	ug/l #	47
5) Bromomethane	1.34	94	153	4.795	ug/l #	4
6) Chloroethane	1.50	64	150	7.693	ug/l #	35
10) Methyl Iodide	1.94	142	61	Below Cal	#	20
11) Tert butyl alcohol	2.59	59	63	23.511	ug/l #	74
12) 1,1-Dichloroethene	1.96	96	93	3.430	ug/l #	1
13) Acrolein	2.07	56	74	68.174	ug/l #	4
14) Allyl chloride	2.25	41	151	3.488	ug/l #	1
16) Acetone	2.34	43	162	14.314	ug/l #	68
17) Carbon Disulfide	1.85	76	61	Below Cal	#	71
18) Methyl Acetate	2.41	43	62	Below Cal	#	64
20) Methylene Chloride	2.30	84	63	Below Cal	#	1
22) Diisopropyl ether	2.89	45	158	1.726	ug/l #	33
23) Vinyl Acetate	3.36	43	122	2.592	ug/l #	83
24) 1,1-Dichloroethane	2.93	63	107	1.682	ug/l #	91
25) 2-Butanone	4.55	43	60	4.750	ug/l #	74
26) 2,2-Dichloropropane	3.84	77	80	1.765	ug/l #	66
27) cis-1,2-Dichloroethene	3.52	96	60	1.762	ug/l	1
29) Tetrahydrofuran	4.32	42	62	12.772	ug/l #	1
31) Cyclohexane	3.90	56	157	1.058	ug/l #	15
36) 1,1-Dichloropropene	4.52	75	115	Below Cal	#	46
37) Ethyl Acetate	4.25	43	62	Below Cal	#	19
39) Methylcyclohexane	5.75	83	188	3.868	ug/l #	13
40) Benzene	4.74	78	70	1.120	ug/l #	52
41) Methacrylonitrile	4.90	41	71	6.683	ug/l #	24
43) Isopropyl Acetate	7.14	43	100	5.405	ug/l #	46
47) Bromodichloromethane	6.62	83	101	2.367	ug/l #	25
48) Methyl methacrylate	6.85	41	88	6.324	ug/l #	13
49) 1,4-Dioxane	6.77	88	66	739.794	ug/l #	21
51) 4-Methyl-2-Pentanone	8.40	43	131	9.308	ug/l #	42
55) 1,1,2-Trichloroethane	8.72	97	63	3.723	ug/l #	14
56) Ethyl methacrylate	8.79	69	92	5.213	ug/l #	14

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
58) 2-Chloroethyl Vinyl ether	7.73	63	86	42.207 ug/l	100
59) 2-Hexanone	9.63	43	361	32.010 ug/l #	30
61) 1,2-Dibromoethane	9.09	107	61	3.087 ug/l #	4
64) Tetrachloroethene	8.45	164	66	4.038 ug/l #	1
65) Chlorobenzene	9.78	112	73	3.023 ug/l #	43
66) 1,1,1,2-Tetrachloroethane	10.21	131	61	5.411 ug/l #	9
67) Ethyl Benzene	10.02	91	64	1.532 ug/l #	46
68) m/p-Xylenes	10.39	106	67	Below Cal #	1
70) Styrene	10.82	104	63	2.702 ug/l #	26
73) Isopropylbenzene	11.21	105	87	5.740 ug/l #	50
74) N-amyl acetate	11.45	43	234	61.193 ug/l #	48
76) 1,2,3-Trichloropropane	11.79	75	63	25.967 ug/l #	39
78) n-propylbenzene	11.62	91	76	Below Cal #	54
79) 2-Chlorotoluene	11.78	91	65	2.474 ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.01	75	126	125.404 ug/l #	9
89) n-Butylbenzene	12.89	91	88	1.271 ug/l #	29
92) 1,2-Dibromo-3-Chloropropan	13.76	75	60	86.024 ug/l #	9
93) 1,2,4-Trichlorobenzene	14.25	180	61	8.114 ug/l #	12
94) Hexachlorobutadiene	14.10	225	69	18.211 ug/l #	19

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

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