Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
Data File : VF060758.D
Acq On : 15 Nov 2018 20:40
Operator : VA/AP
Sample : J5915-02
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : T-2

Quant Time: Nov 16 04:39:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	1217	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.60	114	1893	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.78	117	997	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	159	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.69	65	78	5.62	ug/l	-0.17
Spiked Amount 50.000			Recovery = 11.24%			
35) Dibromofluoromethane	4.11	113	153	10.75	ug/l	-0.02
Spiked Amount 50.000			Recovery = 21.50%			
50) Toluene-d8	7.57	98	1310	34.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 69.52%			
62) 4-Bromofluorobenzene	11.42	95	1318	80.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 161.52%			
Target Compounds						Qvalue
3) Chloromethane	1.08	50	66	4.89	ug/l #	44
5) Bromomethane	1.33	94	75	9.77	ug/l #	5
12) 1,1-Dichloroethene	1.89	96	73	7.35	ug/l #	1
13) Acrolein	2.01	56	989	1712.14	ug/l #	1
14) Allyl chloride	2.19	41	7631	438.72	ug/l #	21
15) Acrylonitrile	2.94	53	82	60.91	ug/l #	71
16) Acetone	2.19	43	1958	659.92	ug/l #	88
17) Carbon Disulfide	1.77	76	67	2.23	ug/l #	67
18) Methyl Acetate	2.38	43	6417	1317.12	ug/l #	64
19) Methyl tert-butyl Ether	2.31	73	126	5.29	ug/l #	1
20) Methylene Chloride	2.19	84	157	13.85	ug/l #	1
21) trans-1,2-Dichloroethene	2.29	96	77	7.42	ug/l #	1
22) Diisopropyl ether	2.80	45	72	2.14	ug/l #	1
23) Vinyl Acetate	3.22	43	178	11.26	ug/l #	77
24) 1,1-Dichloroethane	2.75	63	67	3.30	ug/l #	88
25) 2-Butanone	4.36	43	2470	506.12	ug/l #	56
26) 2,2-Dichloropropane	3.64	77	65	4.06	ug/l #	60
29) Tetrahydrofuran	4.04	42	3138	1558.84	ug/l #	1
30) Chloroform	3.84	83	81	2.48	ug/l #	60
31) Cyclohexane	3.69	56	207	8.39	ug/l #	16
37) Ethyl Acetate	4.02	43	17008	2083.78	ug/l #	1
39) Methylcyclohexane	5.47	83	4253	166.98	ug/l #	88
41) Methacrylonitrile	4.68	41	8967	2251.19	ug/l #	50
43) Isopropyl Acetate	7.03	43	1511	139.62	ug/l #	48
47) Bromodichloromethane	6.41	83	114	5.31	ug/l #	1
48) Methyl methacrylate	6.60	41	14566	2033.74	ug/l #	46
51) 4-Methyl-2-Pentanone	8.21	43	514	65.67	ug/l #	38
55) 1,1,2-Trichloroethane	8.49	97	62	6.62	ug/l #	1
56) Ethyl methacrylate	8.63	69	3321	312.07	ug/l	92
57) 1,3-Dichloropropane	8.69	76	67	4.13	ug/l #	41
58) 2-Chloroethyl Vinyl ether	7.48	63	60	61.72	ug/l	100
59) 2-Hexanone	9.51	43	3105	564.49	ug/l #	42
67) Ethyl Benzene	9.91	91	11971	315.67	ug/l	98
68) m/p-Xylenes	10.14	106	20152	1486.96	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
69) o-Xylene	10.72	106	3148	206.60	ug/l		90
70) Styrene	10.71	104	120	5.80	ug/l	#	1
73) Isopropylbenzene	11.13	105	10287	803.77	ug/l		98
74) N-amyl acetate	11.44	43	5288	1814.97	ug/l	#	34
75) 1,1,2,2-Tetrachloroethane	11.71	83	159	75.14	ug/l	#	1
76) 1,2,3-Trichloropropane	11.82	75	158	100.54	ug/l	#	1
78) n-propylbenzene	11.60	91	52099	3490.37	ug/l		95
79) 2-Chlorotoluene	11.71	91	17252	1988.61	ug/l	#	41
80) 1,3,5-Trimethylbenzene	11.82	105	23799	2342.23	ug/l		87
81) trans-1,4-Dichloro-2-buten	11.91	75	66	85.49	ug/l	#	31
82) 4-Chlorotoluene	11.92	91	524	58.96	ug/l	#	43
83) tert-Butylbenzene	12.14	119	93	8.62	ug/l	#	46
84) 1,2,4-Trimethylbenzene	12.21	105	17900	1703.38	ug/l		93
85) sec-Butylbenzene	12.31	105	8685	593.45	ug/l		90
86) p-Isopropyltoluene	12.43	119	5211	426.33	ug/l		97
89) n-Butylbenzene	12.82	91	2485	199.22	ug/l	#	49

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

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