Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF070318\
Data File : VF059409.D
Acq On : 3 Jul 2018 13:55
Operator : VA/AP
Sample : J3774-05RE
Misc : 5.34g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-2(6-8)RE

Quant Time: Jul 04 00:10:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	82	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.76	114	250	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	243	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	355	335.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 670.18%			
35) Dibromofluoromethane	4.25	113	337	184.49	ug/l	-0.03
Spiked Amount 50.000			Recovery = 368.98%			
50) Toluene-d8	7.68	98	468	103.48	ug/l	-0.02
Spiked Amount 50.000			Recovery = 206.96%			
62) 4-Bromofluorobenzene	11.57	95	62	24.30	ug/l	0.07
Spiked Amount 50.000			Recovery = 48.60%			
Target Compounds						Qvalue
3) Chloromethane	1.09	50	162	321.868	ug/l #	41
4) Vinyl Chloride	1.03	62	131	264.420	ug/l #	42
6) Chloroethane	1.43	64	63	252.477	ug/l #	1
8) Diethyl Ether	1.61	74	92	366.249	ug/l #	1
11) Tert butyl alcohol	2.71	59	61	864.881	ug/l #	66
12) 1,1-Dichloroethene	1.77	96	197	407.495	ug/l #	1
13) Acrolein	2.11	56	99	3169.547	ug/l #	10
14) Allyl chloride	2.17	41	146	160.881	ug/l #	88
15) Acrylonitrile	3.09	53	76	611.906	ug/l #	73
16) Acetone	2.30	43	243	946.835	ug/l #	65
17) Carbon Disulfide	1.79	76	66	58.038	ug/l #	71
18) Methyl Acetate	2.43	43	70	148.687	ug/l #	61
19) Methyl tert-butyl Ether	2.46	73	242	134.204	ug/l #	63
20) Methylene Chloride	2.27	84	69	127.604	ug/l #	1
21) trans-1,2-Dichloroethene	2.36	96	67	129.920	ug/l #	1
22) Diisopropyl ether	2.87	45	65	32.345	ug/l #	1
23) Vinyl Acetate	3.26	43	85	66.415	ug/l #	79
24) 1,1-Dichloroethane	3.02	63	73	58.589	ug/l #	90
25) 2-Butanone	4.46	43	72	224.376	ug/l #	59
26) 2,2-Dichloropropane	3.76	77	148	172.219	ug/l #	62
27) cis-1,2-Dichloroethene	3.68	96	159	203.071	ug/l	1
28) Bromochloromethane	3.72	49	77	171.214	ug/l #	6
29) Tetrahydrofuran	4.18	42	60	447.314	ug/l #	36
31) Cyclohexane	3.80	56	61	74.734	ug/l #	1
36) 1,1-Dichloropropene	4.35	75	100	45.789	ug/l #	44
37) Ethyl Acetate	4.28	43	76	54.534	ug/l #	26
38) Carbon Tetrachloride	4.12	117	64	23.221	ug/l #	10
39) Methylcyclohexane	5.49	83	86	44.437	ug/l #	15
40) Benzene	4.77	78	63	13.010	ug/l #	51
41) Methacrylonitrile	4.91	41	549	736.938	ug/l #	26
42) 1,2-Dichloroethane	5.00	62	62	21.912	ug/l	83
43) Isopropyl Acetate	7.07	43	75	41.229	ug/l #	52
45) 1,2-Dichloropropane	6.41	63	62	44.814	ug/l #	43
46) Dibromomethane	6.25	93	62	51.633	ug/l #	35

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
48) Methyl methacrylate	6.86	41	545	447.009 ug/l #	11
49) 1,4-Dioxane	6.85	88	68	10873.208 ug/l #	45
51) 4-Methyl-2-Pentanone	8.40	43	85	63.070 ug/l #	39
53) t-1,3-Dichloropropene	8.44	75	66	24.910 ug/l #	43
55) 1,1,2-Trichloroethane	8.48	97	83	58.998 ug/l #	13
56) Ethyl methacrylate	8.76	69	63	36.150 ug/l #	39
57) 1,3-Dichloropropane	8.93	76	62	25.697 ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.84	63	72	550.862 ug/l	100
59) 2-Hexanone	9.65	43	435	442.664 ug/l #	30
61) 1,2-Dibromoethane	9.13	107	89	52.164 ug/l #	1
65) Chlorobenzene	9.92	112	127	18.881 ug/l #	42
67) Ethyl Benzene	10.13	91	61	5.346 ug/l #	1
68) m/p-Xylenes	10.13	106	66	16.250 ug/l #	23
71) Bromoform	10.72	173	63	31.594 ug/l #	28
73) Isopropylbenzene	11.25	105	71	5.015 ug/l #	51
74) N-amyl acetate	11.46	43	871	169.546 ug/l #	34
75) 1,1,2,2-Tetrachloroethane	11.79	83	103	28.809 ug/l #	24
76) 1,2,3-Trichloropropane	11.99	75	63	23.360 ug/l #	39
78) n-propylbenzene	11.65	91	177	10.411 ug/l #	52
79) 2-Chlorotoluene	11.83	91	112	10.783 ug/l #	40
80) 1,3,5-Trimethylbenzene	11.88	105	90	7.258 ug/l #	28
81) trans-1,4-Dichloro-2-buten	11.99	75	63	39.248 ug/l #	14
82) 4-Chlorotoluene	11.88	91	85	7.640 ug/l #	38
83) tert-Butylbenzene	12.21	119	125	10.078 ug/l #	31
85) sec-Butylbenzene	12.52	105	66	4.015 ug/l #	1
86) p-Isopropyltoluene	12.46	119	68	4.929 ug/l #	50
89) n-Butylbenzene	12.91	91	155	11.067 ug/l #	29
91) 1,2-Dichlorobenzene	13.02	146	60	8.415 ug/l #	22
92) 1,2-Dibromo-3-Chloropropan	13.65	75	191	240.991 ug/l #	1
93) 1,2,4-Trichlorobenzene	14.30	180	68	12.898 ug/l #	12
94) Hexachlorobutadiene	14.22	225	84	28.524 ug/l #	20
95) Naphthalene	14.49	128	342	31.004 ug/l #	69

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

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