Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF061918\
Data File : VF059193.D
Acq On : 19 Jun 2018 17:19
Operator : VA/AP
Sample : VF0619SBS01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 20 04:23:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration

Instrument : MSVOA_F
ClientSampleId : VF0619SBS01

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.03	168	277744	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.75	114	425031	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.91	117	415128	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	244284	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.02	65	178606	53.02	ug/l		0.00
Spiked Amount 50.000			Recovery =	106.04%			
35) Dibromofluoromethane	4.29	113	164595	55.19	ug/l		0.00
Spiked Amount 50.000			Recovery =	110.38%			
50) Toluene-d8	7.70	98	415312	47.40	ug/l		0.00
Spiked Amount 50.000			Recovery =	94.80%			
62) 4-Bromofluorobenzene	11.50	95	226416	50.38	ug/l		0.00
Spiked Amount 50.000			Recovery =	100.76%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.98	85	60707	19.31	ug/l		96
3) Chloromethane	1.08	50	40901	16.80	ug/l		98
4) Vinyl Chloride	1.14	62	40774	18.56	ug/l		96
5) Bromomethane	1.34	94	22806	17.82	ug/l		93
6) Chloroethane	1.43	64	18646	20.46	ug/l		96
7) Trichlorofluoromethane	1.49	101	72826m	21.33	ug/l		
8) Diethyl Ether	1.70	74	18393	21.41	ug/l		96
9) 1,1,2-Trichlorotrifluoroet	1.89	101	41305	18.98	ug/l		88
10) Methyl Iodide	1.96	142	74621	19.60	ug/l		98
11) Tert butyl alcohol	2.69	59	20495	94.96	ug/l		100
12) 1,1-Dichloroethene	1.85	96	37484	20.48	ug/l		92
13) Acrolein	2.09	56	12952	69.33	ug/l		98
14) Allyl chloride	2.19	41	72044	20.06	ug/l		98
15) Acrylonitrile	3.07	53	43560	101.62	ug/l		95
16) Acetone	2.33	43	94619	117.65	ug/l		94
17) Carbon Disulfide	1.87	76	89592m	17.44	ug/l		
18) Methyl Acetate	2.44	43	30904	22.35	ug/l		99
19) Methyl tert-butyl Ether	2.53	73	130533	22.98	ug/l		98
20) Methylene Chloride	2.31	84	40509m	21.04	ug/l		
21) trans-1,2-Dichloroethene	2.41	96	38989	19.43	ug/l		96
22) Diisopropyl ether	2.92	45	155549	22.03	ug/l		99
23) Vinyl Acetate	3.33	43	510587	109.67	ug/l		98
24) 1,1-Dichloroethane	2.99	63	92002	21.49	ug/l		98
25) 2-Butanone	4.50	43	118632	95.14	ug/l		100
26) 2,2-Dichloropropane	3.75	77	65625	21.13	ug/l		92
27) cis-1,2-Dichloroethene	3.63	96	60552	19.60	ug/l		81
28) Bromochloromethane	3.88	49	44743	23.22	ug/l	#	91
29) Tetrahydrofuran	4.25	42	53829	97.98	ug/l		99
30) Chloroform	4.03	83	137123	22.39	ug/l		98
31) Cyclohexane	3.85	56	68225	18.24	ug/l		96
32) 1,1,1-Trichloroethane	4.27	97	96859	21.19	ug/l		95
36) 1,1-Dichloropropene	4.45	75	80613	19.57	ug/l		98
37) Ethyl Acetate	4.29	43	54688	21.48	ug/l	#	83
38) Carbon Tetrachloride	4.16	117	102176m	22.88	ug/l		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	5.62	83	83302	19.84	ug/l		97
40) Benzene	4.80	78	188937	19.76	ug/l		99
41) Methacrylonitrile	4.92	41	25068	20.04	ug/l		92
42) 1,2-Dichloroethane	5.10	62	100976	23.54	ug/l		95
43) Isopropyl Acetate	7.10	43	68281	20.03	ug/l	#	97
44) Trichloroethene	5.67	130	66194	22.15	ug/l		95
45) 1,2-Dichloropropane	6.40	63	53737	19.49	ug/l		99
46) Dibromomethane	6.25	93	43250	20.85	ug/l		89
47) Bromodichloromethane	6.54	83	110727	23.46	ug/l		94
48) Methyl methacrylate	6.87	41	42411	20.18	ug/l		95
49) 1,4-Dioxane	6.86	88	5355	334.04	ug/l		89
51) 4-Methyl-2-Pentanone	8.40	43	257309	110.12	ug/l		92
52) Toluene	7.78	92	136342	19.80	ug/l		98
53) t-1,3-Dichloropropene	8.42	75	99771	21.83	ug/l		96
54) cis-1,3-Dichloropropene	7.45	75	116060	22.11	ug/l		97
55) 1,1,2-Trichloroethane	8.63	97	53655	21.50	ug/l		94
56) Ethyl methacrylate	8.75	69	65829	20.92	ug/l		97
57) 1,3-Dichloropropane	9.00	76	91967	21.54	ug/l		97
58) 2-Chloroethyl Vinyl ether	7.78	63	24167	107.43	ug/l		100
59) 2-Hexanone	9.63	43	209753	113.49	ug/l		90
60) Dibromochloromethane	8.86	129	81714	22.78	ug/l		99
61) 1,2-Dibromoethane	9.13	107	63101	21.76	ug/l		95
64) Tetrachloroethene	8.30	164	62606	20.56	ug/l		95
65) Chlorobenzene	9.93	112	178614	21.73	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.06	131	73658	22.53	ug/l		93
67) Ethyl Benzene	10.03	91	305899	21.42	ug/l		97
68) m/p-Xylenes	10.26	106	213879	39.99	ug/l		83
69) o-Xylene	10.82	106	122436	21.18	ug/l		97
70) Styrene	10.90	104	180251	20.61	ug/l		98
71) Bromoform	10.88	173	50770	22.86	ug/l	#	93
73) Isopropylbenzene	11.23	105	356859	21.10	ug/l		99
74) N-amyl acetate	11.46	43	126595	20.95	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.78	83	79622	19.86	ug/l		98
76) 1,2,3-Trichloropropane	11.89	75	61116	20.64	ug/l		92
77) Bromobenzene	11.59	156	91007	21.38	ug/l		83
78) n-propylbenzene	11.68	91	414041	20.68	ug/l		95
79) 2-Chlorotoluene	11.81	91	242993	20.55	ug/l		98
80) 1,3,5-Trimethylbenzene	11.91	105	291034	20.79	ug/l		94
81) trans-1,4-Dichloro-2-buten	11.95	75	38262	19.93	ug/l		94
82) 4-Chlorotoluene	11.98	91	269119	21.38	ug/l		97
83) tert-Butylbenzene	12.21	119	312018	22.45	ug/l		100
84) 1,2,4-Trimethylbenzene	12.28	105	305328	21.05	ug/l		90
85) sec-Butylbenzene	12.39	105	396378	20.99	ug/l		99
86) p-Isopropyltoluene	12.54	119	340999	21.98	ug/l		99
87) 1,3-Dichlorobenzene	12.56	146	162983	20.74	ug/l		96
88) 1,4-Dichlorobenzene	12.64	146	165314	21.83	ug/l		98
89) n-Butylbenzene	12.91	91	334616	18.85	ug/l		93
90) Hexachloroethane	12.99	117	78848	20.64	ug/l		90
91) 1,2-Dichlorobenzene	13.02	146	165658	21.88	ug/l		97
92) 1,2-Dibromo-3-Chloropropan	13.71	75	17090	21.73	ug/l		93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	123320	23.29	ug/l	96
94) Hexachlorobutadiene	14.25	225	72945	23.81	ug/l	95
95) Naphthalene	14.52	128	244057	21.58	ug/l	99
96) 1,2,3-Trichlorobenzene	14.67	180	112444	22.98	ug/l	96

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

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