Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021319\
Data File : VF061629.D
Acq On : 13 Feb 2019 18:32
Operator : VA/AP
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VSTDICC100

Manual Integrations APPROVED
MMDadoda
2/14/2019 12:42:12 PM

Quant Time: Feb 14 03:33:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:03:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	267336	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	401772	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.78	117	373593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	190603	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	212092	63.77	ug/l	-0.02
Spiked Amount 50.000			Recovery = 127.54%			
35) Dibromofluoromethane	4.10	113	305789	96.74	ug/l	-0.01
Spiked Amount 50.000			Recovery = 193.48%			
50) Toluene-d8	7.56	98	904640	104.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 209.42%			
62) 4-Bromofluorobenzene	11.42	95	360678	94.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 188.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.95	85	307479	65.548	ug/l	98
3) Chloromethane	1.08	50	326391	88.844	ug/l	100
4) Vinyl Chloride	1.13	62	314658	98.543	ug/l	93
5) Bromomethane	1.31	94	202783	85.439	ug/l	99
6) Chloroethane	1.36	64	141308	95.020	ug/l	98
7) Trichlorofluoromethane	1.47	101	372462	66.438	ug/l	96
8) Diethyl Ether	1.62	74	90034	102.570	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	1.81	101	254778	84.178	ug/l	98
10) Methyl Iodide	1.89	142	515471m	103.226	ug/l	
11) Tert butyl alcohol	2.57	59	60468	429.006	ug/l #	90
12) 1,1-Dichloroethene	1.77	96	235306	95.153	ug/l	97
13) Acrolein	1.98	56	76742	491.263	ug/l	98
14) Allyl chloride	2.08	41	301443	83.868	ug/l	98
15) Acrylonitrile	2.93	53	214246	552.570	ug/l	95
16) Acetone	2.22	43	201956	403.785	ug/l	97
17) Carbon Disulfide	1.81	76	739740	98.162	ug/l	99
18) Methyl Acetate	2.33	43	95597	89.447	ug/l	92
19) Methyl tert-butyl Ether	2.42	73	407225	80.879	ug/l	99
20) Methylene Chloride	2.23	84	223534m	76.095	ug/l	
21) trans-1,2-Dichloroethene	2.29	96	254752	99.728	ug/l	97
22) Diisopropyl ether	2.79	45	723404	87.911	ug/l	99
23) Vinyl Acetate	3.18	43	1816122	450.305	ug/l	99
24) 1,1-Dichloroethane	2.86	63	430633	86.635	ug/l	99
25) 2-Butanone	4.32	43	495140	486.195	ug/l	98
26) 2,2-Dichloropropane	3.59	77	174250	71.947	ug/l	98
27) cis-1,2-Dichloroethene	3.46	96	341582	94.112	ug/l	99
28) Bromochloromethane	3.71	49	188552	76.302	ug/l	97
29) Tetrahydrofuran	4.07	42	218479	457.991	ug/l	97
30) Chloroform	3.85	83	490554	72.874	ug/l	97
31) Cyclohexane	3.68	56	457766	92.761	ug/l	99
32) 1,1,1-Trichloroethane	4.09	97	334719	73.691	ug/l	98
36) 1,1-Dichloropropene	4.27	75	411607	91.735	ug/l	97
37) Ethyl Acetate	4.10	43	186871	94.729	ug/l	92
38) Carbon Tetrachloride	3.98	117	301934	82.278	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	5.45	83	483052	106.007 ug/l		99
40) Benzene	4.63	78	1086758	108.081 ug/l		100
41) Methacrylonitrile	4.74	41	101412	102.580 ug/l		96
42) 1,2-Dichloroethane	4.93	62	265538	76.327 ug/l		95
43) Isopropyl Acetate	6.95	43	233867	104.430 ug/l		97
44) Trichloroethene	5.50	130	329721	107.360 ug/l		100
45) 1,2-Dichloropropane	6.23	63	287644	110.897 ug/l		98
46) Dibromomethane	6.09	93	174717	103.119 ug/l		97
47) Bromodichloromethane	6.38	83	366203	85.665 ug/l		98
48) Methyl methacrylate	6.72	41	150117	100.339 ug/l		94
49) 1,4-Dioxane	6.70	88	26696	2541.936 ug/l	#	88
51) 4-Methyl-2-Pentanone	8.27	43	784766	465.901 ug/l		96
52) Toluene	7.63	92	673655	107.298 ug/l		94
53) t-1,3-Dichloropropene	8.29	75	313413	94.738 ug/l		99
54) cis-1,3-Dichloropropene	7.30	75	425171	101.408 ug/l		99
55) 1,1,2-Trichloroethane	8.49	97	196455	101.146 ug/l		97
56) Ethyl methacrylate	8.62	69	224358	104.194 ug/l		99
57) 1,3-Dichloropropane	8.86	76	335972	99.368 ug/l		97
58) 2-Chloroethyl Vinyl ether	7.30	63	210110	578.457 ug/l		99
59) 2-Hexanone	9.50	43	555054	486.503 ug/l		98
60) Dibromochloromethane	8.72	129	289580	107.314 ug/l		99
61) 1,2-Dibromoethane	8.99	107	220292	108.751 ug/l		100
64) Tetrachloroethene	8.16	164	302456	106.998 ug/l		99
65) Chlorobenzene	9.80	112	796706	109.643 ug/l		98
66) 1,1,1,2-Tetrachloroethane	9.93	131	302980	101.097 ug/l		100
67) Ethyl Benzene	9.90	91	1246460	94.220 ug/l		98
68) m/p-Xylenes	10.14	106	946584	206.240 ug/l		91
69) o-Xylene	10.72	106	538703	106.427 ug/l		96
70) Styrene	10.79	104	747828	106.692 ug/l		99
71) Bromoform	10.78	173	166632	117.473 ug/l		99
73) Isopropylbenzene	11.13	105	1385228	94.023 ug/l		97
74) N-amyl acetate	11.37	43	342843	92.421 ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.70	83	255800	93.018 ug/l		97
76) 1,2,3-Trichloropropane	11.80	75	171701	87.878 ug/l		98
77) Bromobenzene	11.50	156	355994	109.828 ug/l		97
78) n-propylbenzene	11.60	91	1586016	89.621 ug/l		98
79) 2-Chlorotoluene	11.73	91	878623	87.193 ug/l		97
80) 1,3,5-Trimethylbenzene	11.83	105	1112481	91.533 ug/l		100
81) trans-1,4-Dichloro-2-buten	11.88	75	85065m	104.153 ug/l		
82) 4-Chlorotoluene	11.90	91	887178	84.746 ug/l		98
83) tert-Butylbenzene	12.13	119	1198175	95.883 ug/l		98
84) 1,2,4-Trimethylbenzene	12.21	105	1123668	94.180 ug/l		97
85) sec-Butylbenzene	12.31	105	1560336	93.431 ug/l		99
86) p-Isopropyltoluene	12.47	119	1253948	91.799 ug/l		98
87) 1,3-Dichlorobenzene	12.49	146	627191	99.558 ug/l		96
88) 1,4-Dichlorobenzene	12.58	146	655078	109.301 ug/l		96
89) n-Butylbenzene	12.85	91	1211252	87.557 ug/l		91
90) Hexachloroethane	12.92	117	324761	93.740 ug/l		88
91) 1,2-Dichlorobenzene	12.95	146	611000	104.127 ug/l		96
92) 1,2-Dibromo-3-Chloropropan	13.65	75	42483	89.100 ug/l		76

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.20	180	450914	109.440	ug/l	97
94) Hexachlorobutadiene	14.19	225	288578	113.530	ug/l	98
95) Naphthalene	14.46	128	886071	113.753	ug/l	100
96) 1,2,3-Trichlorobenzene	14.61	180	434439	117.384	ug/l	97

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

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