Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030419\
Data File : VX007809.D
Acq On : 04 Mar 2019 14:35
Operator : JC/SP
Sample : VX0304MBS01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 04 15:57:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Instrument : MSVOA_X
ClientSampleId : VX0304MBS01

Manual Integrations APPROVED
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3/5/2019 9:34:30 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	313194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	463653	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	407978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207128	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	166766	42.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.98%			
35) Dibromofluoromethane	5.50	113	146092	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.28%			
50) Toluene-d8	8.71	98	542961	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.52%			
62) 4-Bromofluorobenzene	11.13	95	194691	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	47913	16.607	ug/l	98
3) Chloromethane	1.33	50	61665	19.288	ug/l	99
4) Vinyl Chloride	1.41	62	64781	19.750	ug/l	99
5) Bromomethane	1.64	94	31879	14.319	ug/l	99
6) Chloroethane	1.73	64	40243	19.203	ug/l	100
7) Trichlorofluoromethane	1.93	101	85515	17.006	ug/l	99
8) Diethyl Ether	2.19	74	40065	19.414	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53770	17.692	ug/l	99
10) Methyl Iodide	2.51	142	77408	20.454	ug/l	97
11) Tert butyl alcohol	3.07	59	77708	105.571	ug/l	99
12) 1,1-Dichloroethene	2.38	96	51926	18.954	ug/l	97
13) Acrolein	2.30	56	72959	111.544	ug/l	99
14) Allyl chloride	2.73	41	107845	21.290	ug/l	91
15) Acrylonitrile	3.15	53	183868	106.147	ug/l	100
16) Acetone	2.45	43	158048	91.611	ug/l	98
17) Carbon Disulfide	2.57	76	143364	18.810	ug/l	100
18) Methyl Acetate	2.78	43	88273	23.448	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	195828	20.527	ug/l	99
20) Methylene Chloride	2.86	84	59762	18.760	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	56277	18.896	ug/l	92
22) Diisopropyl ether	3.87	45	214991	20.388	ug/l	97
23) Vinyl Acetate	3.82	43	919653	99.404	ug/l	98
24) 1,1-Dichloroethane	3.70	63	112313	19.598	ug/l	100
25) 2-Butanone	4.70	43	264330	100.585	ug/l	95
26) 2,2-Dichloropropane	4.59	77	76351	16.690	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	67151	17.720	ug/l	93
28) Bromochloromethane	5.02	49	53372	19.130	ug/l	86
29) Tetrahydrofuran	5.15	42	173648	100.243	ug/l	94
30) Chloroform	5.21	83	107081	17.443	ug/l	98
31) Cyclohexane	5.57	56	100345	18.614	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	89129	17.556	ug/l	99
36) 1,1-Dichloropropene	5.80	75	79302	19.025	ug/l	98
37) Ethyl Acetate	4.85	43	97713	21.102	ug/l	99
38) Carbon Tetrachloride	5.78	117	75670	18.072	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	7.46	83	95853	18.194 ug/l		96
40) Benzene	6.15	78	251799	19.568 ug/l		99
41) Methacrylonitrile	5.06	41	56128	22.700 ug/l		95
42) 1,2-Dichloroethane	6.20	62	83445	19.294 ug/l		98
43) Isopropyl Acetate	6.46	43	152246	21.363 ug/l		98
44) Trichloroethene	7.21	130	68414	19.327 ug/l		95
45) 1,2-Dichloropropane	7.52	63	68373	20.513 ug/l		100
46) Dibromomethane	7.66	93	41915	18.025 ug/l		97
47) Bromodichloromethane	7.90	83	77023	19.113 ug/l		99
48) Methyl methacrylate	7.77	41	78814	21.098 ug/l		92
49) 1,4-Dioxane	7.75	88	31766	393.718 ug/l		94
51) 4-Methyl-2-Pentanone	8.65	43	497023	104.191 ug/l		99
52) Toluene	8.79	92	154723	19.068 ug/l		99
53) t-1,3-Dichloropropene	9.04	75	84736	18.768 ug/l		100
54) cis-1,3-Dichloropropene	8.43	75	97008	19.837 ug/l		98
55) 1,1,2-Trichloroethane	9.21	97	64272	18.995 ug/l		98
56) Ethyl methacrylate	9.18	69	99000	20.575 ug/l		94
57) 1,3-Dichloropropane	9.37	76	108891	20.104 ug/l		98
58) 2-Chloroethyl Vinyl ether	8.31	63	271400	102.282 ug/l		98
59) 2-Hexanone	9.49	43	377384	100.767 ug/l		99
60) Dibromochloromethane	9.58	129	63728	19.573 ug/l		98
61) 1,2-Dibromoethane	9.67	107	68025	19.363 ug/l		100
64) Tetrachloroethene	9.34	164	67981	20.525 ug/l		97
65) Chlorobenzene	10.14	112	171749	19.464 ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.22	131	62186	20.204 ug/l		99
67) Ethyl Benzene	10.25	91	287544	19.672 ug/l		99
68) m/p-Xylenes	10.36	106	221175	38.895 ug/l		98
69) o-Xylene	10.70	106	108391	19.817 ug/l		96
70) Styrene	10.71	104	177251	19.715 ug/l		100
71) Bromoform	10.86	173	50357	21.818 ug/l	#	100
73) Isopropylbenzene	11.02	105	291215	19.672 ug/l		99
74) N-amyl acetate	10.90	43	130424	20.288 ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.27	83	96332	18.814 ug/l		99
76) 1,2,3-Trichloropropane	11.29	75	80972m	18.340 ug/l		
77) Bromobenzene	11.26	156	78365	21.105 ug/l		96
78) n-propylbenzene	11.36	91	322958	19.306 ug/l		98
79) 2-Chlorotoluene	11.42	91	192448	19.106 ug/l		97
80) 1,3,5-Trimethylbenzene	11.51	105	237408	19.497 ug/l		99
81) trans-1,4-Dichloro-2-buten	11.07	75	26970	18.394 ug/l		96
82) 4-Chlorotoluene	11.51	91	220628	18.724 ug/l		98
83) tert-Butylbenzene	11.77	119	235645	20.155 ug/l		99
84) 1,2,4-Trimethylbenzene	11.80	105	248161	19.923 ug/l		98
85) sec-Butylbenzene	11.94	105	284909	19.447 ug/l		99
86) p-Isopropyltoluene	12.06	119	254737	19.854 ug/l		99
87) 1,3-Dichlorobenzene	12.02	146	136932	19.881 ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	137105	19.437 ug/l		99
89) n-Butylbenzene	12.38	91	214073	18.708 ug/l		99
90) Hexachloroethane	12.60	117	38741	17.920 ug/l		91
91) 1,2-Dichlorobenzene	12.39	146	137320	19.927 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20033	17.957 ug/l		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	96786	23.009	ug/l	99
94) Hexachlorobutadiene	13.78	225	49752	25.854	ug/l	99
95) Naphthalene	13.83	128	300953	22.083	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	97631	23.115	ug/l	99

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

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