Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121319\
Data File : VX014011.D
Acq On : 13 Dec 2019 16:22
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDICC100

Manual Integrations APPROVED
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12/16/2019 12:46:06 PM

Quant Time: Dec 13 17:02:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 16:34:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	548793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	843362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	774520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	405555	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	617981	96.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 193.72%			
35) Dibromofluoromethane	5.49	113	516920	98.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 197.24%			
50) Toluene-d8	8.71	98	2007259	97.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 195.86%			
62) 4-Bromofluorobenzene	11.14	95	751769	101.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 202.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	483811	82.465	ug/l	99
3) Chloromethane	1.31	50	626684	92.299	ug/l	99
4) Vinyl Chloride	1.40	62	666994	88.812	ug/l	100
5) Bromomethane	1.62	94	474252	92.303	ug/l	98
6) Chloroethane	1.70	64	405287	92.558	ug/l	94
7) Trichlorofluoromethane	1.91	101	836614	97.334	ug/l	98
8) Diethyl Ether	2.18	74	378389	97.403	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	500876	95.806	ug/l	100
10) Methyl Iodide	2.50	142	714380	112.514	ug/l	98
11) Tert butyl alcohol	3.06	59	633927	414.756	ug/l	98
12) 1,1-Dichloroethene	2.36	96	516735	99.112	ug/l	98
13) Acrolein	2.28	56	401218	445.908	ug/l	98
14) Allyl chloride	2.72	41	947139	100.188	ug/l	100
15) Acrylonitrile	3.13	53	1544265	480.478	ug/l	99
16) Acetone	2.44	43	2001144	605.853	ug/l	100
17) Carbon Disulfide	2.56	76	1453335	97.584	ug/l	100
18) Methyl Acetate	2.76	43	802431	93.931	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	1721707	99.489	ug/l	99
20) Methylene Chloride	2.84	84	582633	96.197	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	558801	98.204	ug/l	97
22) Diisopropyl ether	3.84	45	1844772	100.858	ug/l	97
23) Vinyl Acetate	3.80	43	7323485	482.257	ug/l	99
24) 1,1-Dichloroethane	3.69	63	1011790	101.197	ug/l	100
25) 2-Butanone	4.66	43	2502827	530.956	ug/l	99
26) 2,2-Dichloropropane	4.57	77	812194	98.580	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	639085	97.865	ug/l	100
28) Bromochloromethane	5.00	49	407067	115.327	ug/l	99
29) Tetrahydrofuran	5.12	42	1387997	488.481	ug/l	99
30) Chloroform	5.20	83	968045	95.658	ug/l	98
31) Cyclohexane	5.57	56	928998	98.286	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	838275	99.181	ug/l	99
36) 1,1-Dichloropropene	5.79	75	758845	99.053	ug/l	100
37) Ethyl Acetate	4.83	43	851531	99.635	ug/l	99
38) Carbon Tetrachloride	5.77	117	719273	101.788	ug/l	99

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 16:34:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	945088	99.629	ug/l	99
40) Benzene	6.13	78	2308856	98.745	ug/l	98
41) Methacrylonitrile	5.03	41	490632	105.173	ug/l	96
42) 1,2-Dichloroethane	6.18	62	786354	98.762	ug/l	99
43) Isopropyl Acetate	6.43	43	1440737	102.057	ug/l	99
44) Trichloroethene	7.20	130	631114	98.707	ug/l	100
45) 1,2-Dichloropropane	7.51	63	597656	101.971	ug/l	97
46) Dibromomethane	7.65	93	384599	96.955	ug/l	99
47) Bromodichloromethane	7.89	83	775778	103.479	ug/l	98
48) Methyl methacrylate	7.76	41	713945	104.318	ug/l	99
49) 1,4-Dioxane	7.74	88	266492	1767.914	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	4454422	502.518	ug/l	100
52) Toluene	8.78	92	1450176	99.705	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	900433	105.583	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	978680	104.939	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	585526	100.026	ug/l	99
56) Ethyl methacrylate	9.17	69	1001661	106.259	ug/l	100
57) 1,3-Dichloropropane	9.37	76	995630	98.559	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1879120	508.509	ug/l	100
59) 2-Hexanone	9.49	43	3687624	528.666	ug/l	100
60) Dibromochloromethane	9.58	129	640857	105.869	ug/l	99
61) 1,2-Dibromoethane	9.67	107	618127	98.996	ug/l	100
64) Tetrachloroethene	9.33	164	730494	122.222	ug/l	97
65) Chlorobenzene	10.14	112	1585660	98.056	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	591151	102.094	ug/l	99
67) Ethyl Benzene	10.25	91	2770473	99.813	ug/l	99
68) m/p-Xylenes	10.35	106	2149249	201.972	ug/l	99
69) o-Xylene	10.70	106	1049787	101.159	ug/l	100
70) Styrene	10.71	104	1839187	105.053	ug/l	99
71) Bromoform	10.85	173	521997	109.295	ug/l	100
73) Isopropylbenzene	11.01	105	2753143	96.652	ug/l	99
74) N-amyl acetate	10.89	43	1364487	104.568	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	956183	96.951	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	861897m	94.893	ug/l	
77) Bromobenzene	11.25	156	737773	96.089	ug/l	99
78) n-propylbenzene	11.35	91	3184476	99.977	ug/l	99
79) 2-Chlorotoluene	11.42	91	1867515	97.459	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	2362600	100.907	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	344901	104.093	ug/l	97
82) 4-Chlorotoluene	11.51	91	2200862	99.470	ug/l	99
83) tert-Butylbenzene	11.77	119	2205438	93.495	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	2371228	99.859	ug/l	99
85) sec-Butylbenzene	11.94	105	2753476	101.431	ug/l	100
86) p-Isopropyltoluene	12.06	119	2532372	100.425	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	1325579	98.848	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	1321090	96.582	ug/l	99
89) n-Butylbenzene	12.39	91	2252779	104.611	ug/l	99
90) Hexachloroethane	12.59	117	475941	104.126	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	1316372	99.046	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	209437	98.478	ug/l	96

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	917133	99.909	ug/l	98
94) Hexachlorobutadiene	13.78	225	425393	95.763	ug/l	98
95) Naphthalene	13.83	128	2770114	101.586	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	908154	99.469	ug/l	98

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

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