Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121218\
Data File : VX006461.D
Acq On : 12 Dec 2018 22:52
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
12/13/2018 11:05:32 AM

Quant Time: Dec 13 07:15:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	557987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	865859	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	798244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	408428	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	288510	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.30%			
35) Dibromofluoromethane	5.50	113	273400	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.54%			
50) Toluene-d8	8.71	98	989659	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.06%			
62) 4-Bromofluorobenzene	11.13	95	376152	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	284041	51.989	ug/l	99
3) Chloromethane	1.33	50	292659	52.126	ug/l	95
4) Vinyl Chloride	1.41	62	323676	53.566	ug/l	98
5) Bromomethane	1.64	94	299190	71.445	ug/l	99
6) Chloroethane	1.71	64	203023	54.798	ug/l	100
7) Trichlorofluoromethane	1.92	101	502345	54.158	ug/l	100
8) Diethyl Ether	2.19	74	193549	55.135	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	289889	54.963	ug/l	99
10) Methyl Iodide	2.51	142	472356	59.427	ug/l	98
11) Tert butyl alcohol	3.08	59	386468	248.091	ug/l	99
12) 1,1-Dichloroethene	2.37	96	278571	55.173	ug/l	93
13) Acrolein	2.30	56	194312	228.221	ug/l	98
14) Allyl chloride	2.73	41	478281	47.954	ug/l	98
15) Acrylonitrile	3.15	53	857821	263.889	ug/l	99
16) Acetone	2.45	43	697656	260.985	ug/l	96
17) Carbon Disulfide	2.57	76	760830	48.902	ug/l	99
18) Methyl Acetate	2.78	43	466378	52.170	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	976401	54.209	ug/l	98
20) Methylene Chloride	2.85	84	313008	55.018	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	299611	55.684	ug/l	92
22) Diisopropyl ether	3.87	45	862370	55.356	ug/l	99
23) Vinyl Acetate	3.82	43	3573044	268.907	ug/l	100
24) 1,1-Dichloroethane	3.70	63	495466	55.643	ug/l	99
25) 2-Butanone	4.70	43	1034746	271.286	ug/l	99
26) 2,2-Dichloropropane	4.58	77	367153	44.678	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	339819	56.620	ug/l	97
28) Bromochloromethane	5.02	49	199999	51.422	ug/l	98
29) Tetrahydrofuran	5.15	42	714227	269.430	ug/l	98
30) Chloroform	5.21	83	534692	57.141	ug/l	95
31) Cyclohexane	5.57	56	445640	54.155	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	479755	53.885	ug/l	100
36) 1,1-Dichloropropene	5.80	75	392983	53.897	ug/l	100
37) Ethyl Acetate	4.85	43	412063	50.464	ug/l	99
38) Carbon Tetrachloride	5.79	117	427763	49.869	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	502950	53.140	ug/l		98
40) Benzene	6.14	78	1207546	55.295	ug/l		100
41) Methacrylonitrile	5.06	41	223697	49.787	ug/l		97
42) 1,2-Dichloroethane	6.20	62	400866	56.086	ug/l		100
43) Isopropyl Acetate	6.46	43	669315	49.163	ug/l		99
44) Trichloroethene	7.21	130	357146	53.984	ug/l		97
45) 1,2-Dichloropropane	7.52	63	295892	53.311	ug/l		100
46) Dibromomethane	7.66	93	218125	54.415	ug/l		96
47) Bromodichloromethane	7.90	83	393660	50.712	ug/l		100
48) Methyl methacrylate	7.77	41	338860	51.163	ug/l		97
49) 1,4-Dioxane	7.76	88	168824	1034.229	ug/l		98
51) 4-Methyl-2-Pentanone	8.65	43	2032904	256.505	ug/l		98
52) Toluene	8.79	92	806099	56.106	ug/l		99
53) t-1,3-Dichloropropene	9.04	75	431435	47.523	ug/l		99
54) cis-1,3-Dichloropropene	8.44	75	472680	50.142	ug/l		98
55) 1,1,2-Trichloroethane	9.21	97	328665	56.308	ug/l		98
56) Ethyl methacrylate	9.18	69	490766	53.783	ug/l		97
57) 1,3-Dichloropropane	9.37	76	516183	55.926	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.31	63	1109011	239.504	ug/l		99
59) 2-Hexanone	9.49	43	1533983	253.341	ug/l		99
60) Dibromochloromethane	9.59	129	357122	49.618	ug/l		100
61) 1,2-Dibromoethane	9.67	107	364044	55.779	ug/l		98
64) Tetrachloroethene	9.34	164	327900	54.545	ug/l		99
65) Chlorobenzene	10.14	112	932602	55.037	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.22	131	339518	51.569	ug/l		99
67) Ethyl Benzene	10.25	91	1536419	54.516	ug/l		100
68) m/p-Xylenes	10.36	106	1231989	109.130	ug/l		99
69) o-Xylene	10.70	106	600558	53.856	ug/l		99
70) Styrene	10.71	104	976250	54.130	ug/l		99
71) Bromoform	10.86	173	268769	43.246	ug/l	#	100
73) Isopropylbenzene	11.02	105	1587889	56.297	ug/l		100
74) N-amyl acetate	10.90	43	594667	48.960	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.27	83	480751	53.277	ug/l		99
76) 1,2,3-Trichloropropane	11.30	75	441366m	55.987	ug/l		
77) Bromobenzene	11.26	156	431452	55.120	ug/l		99
78) n-propylbenzene	11.36	91	1751967	55.878	ug/l		99
79) 2-Chlorotoluene	11.42	91	1036158	55.603	ug/l		99
80) 1,3,5-Trimethylbenzene	11.51	105	1313246	55.959	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.07	75	140770	41.905	ug/l		89
82) 4-Chlorotoluene	11.51	91	1188400	54.850	ug/l		100
83) tert-Butylbenzene	11.77	119	1366305	54.567	ug/l		99
84) 1,2,4-Trimethylbenzene	11.80	105	1349554	55.692	ug/l		100
85) sec-Butylbenzene	11.94	105	1599662	56.157	ug/l		100
86) p-Isopropyltoluene	12.07	119	1427648	55.658	ug/l		100
87) 1,3-Dichlorobenzene	12.02	146	763682	54.831	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	759893	53.754	ug/l		100
89) n-Butylbenzene	12.39	91	1192462	54.485	ug/l		100
90) Hexachloroethane	12.60	117	243080	46.497	ug/l		97
91) 1,2-Dichlorobenzene	12.39	146	752959	54.471	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	105182	45.472	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	531001	52.654	ug/l	99
94) Hexachlorobutadiene	13.78	225	235766	52.864	ug/l	99
95) Naphthalene	13.83	128	1707819	54.441	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	537064	53.767	ug/l	99

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

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