Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121918\
Data File : VX006635.D
Acq On : 19 Dec 2018 14:22
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
12/20/2018 10:00:18 AM

Quant Time: Dec 20 04:12:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	603495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	917487	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	858708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	458522	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	317929	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.76%			
35) Dibromofluoromethane	5.50	113	285114	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.28%			
50) Toluene-d8	8.71	98	1086314	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.32%			
62) 4-Bromofluorobenzene	11.13	95	415644	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.76%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	269564	48.826	ug/l	99
3) Chloromethane	1.32	50	279523	46.995	ug/l	99
4) Vinyl Chloride	1.41	62	302447	48.687	ug/l	99
5) Bromomethane	1.64	94	303100	52.376	ug/l	97
6) Chloroethane	1.71	64	194112	45.128	ug/l	98
7) Trichlorofluoromethane	1.93	101	474716	49.015	ug/l	100
8) Diethyl Ether	2.19	74	182368	47.407	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	292428	51.424	ug/l	100
10) Methyl Iodide	2.51	142	426611	52.408	ug/l	99
11) Tert butyl alcohol	3.07	59	340632	234.666	ug/l	100
12) 1,1-Dichloroethene	2.37	96	261608	48.517	ug/l	96
13) Acrolein	2.29	56	220986	225.673	ug/l	98
14) Allyl chloride	2.73	41	442973	48.806	ug/l	99
15) Acrylonitrile	3.15	53	789426	244.941	ug/l	99
16) Acetone	2.45	43	745131	249.355	ug/l	97
17) Carbon Disulfide	2.57	76	649544	45.520	ug/l	98
18) Methyl Acetate	2.78	43	430471	48.990	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	884554	49.427	ug/l	99
20) Methylene Chloride	2.85	84	292352	47.313	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	279183	46.730	ug/l	98
22) Diisopropyl ether	3.87	45	841944	50.707	ug/l	97
23) Vinyl Acetate	3.82	43	3531694	260.033	ug/l	98
24) 1,1-Dichloroethane	3.70	63	488582	49.292	ug/l	99
25) 2-Butanone	4.70	43	1045765	248.795	ug/l	99
26) 2,2-Dichloropropane	4.59	77	376815	49.215	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	323077	49.013	ug/l	99
28) Bromochloromethane	5.01	49	224796	53.947	ug/l	97
29) Tetrahydrofuran	5.15	42	675855	244.128	ug/l	99
30) Chloroform	5.21	83	513481	50.026	ug/l	99
31) Cyclohexane	5.57	56	449144	49.878	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	437981	50.534	ug/l	99
36) 1,1-Dichloropropene	5.80	75	384607	50.614	ug/l	99
37) Ethyl Acetate	4.85	43	380288	48.082	ug/l	99
38) Carbon Tetrachloride	5.78	117	373226	50.539	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	515624	51.541	ug/l	98
40) Benzene	6.14	78	1158088	50.138	ug/l	100
41) Methacrylonitrile	5.06	41	218341	51.997	ug/l	99
42) 1,2-Dichloroethane	6.20	62	386712	49.132	ug/l	100
43) Isopropyl Acetate	6.46	43	625935	52.014	ug/l	99
44) Trichloroethene	7.21	130	344350	49.256	ug/l	100
45) 1,2-Dichloropropane	7.51	63	283569	50.449	ug/l	99
46) Dibromomethane	7.66	93	205853	49.789	ug/l	98
47) Bromodichloromethane	7.90	83	356644	51.957	ug/l	100
48) Methyl methacrylate	7.77	41	319493	52.208	ug/l	99
49) 1,4-Dioxane	7.75	88	161151	1006.586	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2023602	264.285	ug/l	100
52) Toluene	8.78	92	769173	51.545	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	398255	54.098	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	439520	54.411	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	313837	51.381	ug/l	99
56) Ethyl methacrylate	9.18	69	460413	53.333	ug/l	99
57) 1,3-Dichloropropane	9.37	76	494837	50.354	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1184160	258.046	ug/l	100
59) 2-Hexanone	9.49	43	1574678	268.789	ug/l	100
60) Dibromochloromethane	9.58	129	309221	48.479	ug/l	98
61) 1,2-Dibromoethane	9.67	107	337138	51.923	ug/l	99
64) Tetrachloroethene	9.34	164	330384	48.588	ug/l	99
65) Chlorobenzene	10.13	112	893618	49.190	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	300908	53.089	ug/l	100
67) Ethyl Benzene	10.25	91	1496060	50.397	ug/l	99
68) m/p-Xylenes	10.36	106	1197485	102.228	ug/l	99
69) o-Xylene	10.69	106	591058	51.098	ug/l	100
70) Styrene	10.71	104	957248	52.309	ug/l	100
71) Bromoform	10.86	173	225454	44.624	ug/l	99
73) Isopropylbenzene	11.02	105	1561398	49.776	ug/l	99
74) N-amyl acetate	10.90	43	570015	50.767	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	461974	49.520	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	433683m	50.894	ug/l	
77) Bromobenzene	11.26	156	417421	49.221	ug/l	99
78) n-propylbenzene	11.36	91	1772827	51.322	ug/l	99
79) 2-Chlorotoluene	11.42	91	1034607	49.424	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1308157	50.631	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	123938	44.749	ug/l	98
82) 4-Chlorotoluene	11.51	91	1208434	50.326	ug/l	99
83) tert-Butylbenzene	11.77	119	1316003	50.892	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1348854	49.634	ug/l	100
85) sec-Butylbenzene	11.94	105	1622892	51.188	ug/l	100
86) p-Isopropyltoluene	12.06	119	1442659	51.765	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	765420	50.079	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	771765	49.256	ug/l	99
89) n-Butylbenzene	12.39	91	1275175	53.763	ug/l	99
90) Hexachloroethane	12.60	117	203566	46.890	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	737777	48.254	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	94968	49.199	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	528998	50.158	ug/l	98
94) Hexachlorobutadiene	13.78	225	250731	50.438	ug/l	98
95) Naphthalene	13.83	128	1642312	48.790	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	532033	48.859	ug/l	97

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

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