Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052919\
Data File : VX009928.D
Acq On : 29 May 2019 10:08
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 30 01:25:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	174313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	272671	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124059	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115607	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.90%			
35) Dibromofluoromethane	5.49	113	83110	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.96%			
50) Toluene-d8	8.71	98	344937	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.10%			
62) 4-Bromofluorobenzene	11.13	95	126484	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	116809	54.838	ug/l	99
3) Chloromethane	1.32	50	140188	48.955	ug/l	99
4) Vinyl Chloride	1.41	62	126245	48.905	ug/l	100
5) Bromomethane	1.64	94	70591	45.134	ug/l	96
6) Chloroethane	1.71	64	72332	45.518	ug/l	98
7) Trichlorofluoromethane	1.93	101	139217	48.803	ug/l	99
8) Diethyl Ether	2.19	74	58387	43.556	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	83887	48.708	ug/l	100
10) Methyl Iodide	2.51	142	100643	47.454	ug/l	98
11) Tert butyl alcohol	3.05	59	132959	219.413	ug/l	99
12) 1,1-Dichloroethene	2.37	96	81569	46.206	ug/l	97
13) Acrolein	2.29	56	89745	212.401	ug/l	99
14) Allyl chloride	2.73	41	206384	48.101	ug/l	99
15) Acrylonitrile	3.14	53	331909	227.322	ug/l	100
16) Acetone	2.45	43	395226	277.805	ug/l	99
17) Carbon Disulfide	2.57	76	257706	48.225	ug/l	100
18) Methyl Acetate	2.77	43	148573	44.881	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	310788	46.631	ug/l	100
20) Methylene Chloride	2.85	84	100504	46.131	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	89691	45.662	ug/l	98
22) Diisopropyl ether	3.85	45	390638	47.850	ug/l	89
23) Vinyl Acetate	3.81	43	1752053	238.899	ug/l	99
24) 1,1-Dichloroethane	3.70	63	185615	46.917	ug/l	100
25) 2-Butanone	4.67	43	551075	248.624	ug/l	100
26) 2,2-Dichloropropane	4.57	77	143695	48.014	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	101892	44.939	ug/l	99
28) Bromochloromethane	5.01	49	94883	46.216	ug/l	99
29) Tetrahydrofuran	5.12	42	326614	229.790	ug/l	100
30) Chloroform	5.21	83	167726	47.008	ug/l	97
31) Cyclohexane	5.57	56	189113	50.469	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	141619	48.737	ug/l	100
36) 1,1-Dichloropropene	5.79	75	134053	48.455	ug/l	100
37) Ethyl Acetate	4.83	43	187232	48.570	ug/l	100
38) Carbon Tetrachloride	5.78	117	119496	49.984	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	170889	52.074	ug/l	99
40) Benzene	6.14	78	398999	48.618	ug/l	100
41) Methacrylonitrile	5.04	41	104987	46.609	ug/l	98
42) 1,2-Dichloroethane	6.19	62	145628	47.998	ug/l	100
43) Isopropyl Acetate	6.44	43	291881	46.926	ug/l	100
44) Trichloroethene	7.21	130	95384	47.848	ug/l	97
45) 1,2-Dichloropropane	7.51	63	112850	47.768	ug/l	98
46) Dibromomethane	7.66	93	64441	46.340	ug/l	99
47) Bromodichloromethane	7.90	83	131763	49.827	ug/l	99
48) Methyl methacrylate	7.77	41	151356	49.156	ug/l	99
49) 1,4-Dioxane	7.74	88	52354	914.091	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	978194	241.757	ug/l	100
52) Toluene	8.78	92	246094	49.387	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	156533	49.357	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	170061	49.215	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	95670	47.702	ug/l	97
56) Ethyl methacrylate	9.18	69	178346	49.950	ug/l	99
57) 1,3-Dichloropropane	9.37	76	172531	47.902	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	464598	248.144	ug/l	100
59) 2-Hexanone	9.49	43	786192	252.376	ug/l	100
60) Dibromochloromethane	9.58	129	98363	49.858	ug/l	100
61) 1,2-Dibromoethane	9.67	107	98805	47.954	ug/l	100
64) Tetrachloroethene	9.34	164	87754	50.891	ug/l	98
65) Chlorobenzene	10.13	112	250938	48.555	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	90399	50.431	ug/l	100
67) Ethyl Benzene	10.25	91	477347	51.441	ug/l	100
68) m/p-Xylenes	10.36	106	347318	101.313	ug/l	100
69) o-Xylene	10.69	106	166871	50.755	ug/l	100
70) Styrene	10.71	104	296921	51.503	ug/l	99
71) Bromoform	10.85	173	75995	51.866	ug/l	98
73) Isopropylbenzene	11.02	105	454939	49.702	ug/l	100
74) N-amyl acetate	10.90	43	266709	48.762	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	159996	46.853	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	144217m	48.613	ug/l	
77) Bromobenzene	11.26	156	111622	47.851	ug/l	98
78) n-propylbenzene	11.36	91	535621	50.766	ug/l	99
79) 2-Chlorotoluene	11.42	91	313660	48.658	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	387888	50.301	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	58153	48.499	ug/l	98
82) 4-Chlorotoluene	11.51	91	367100	48.920	ug/l	100
83) tert-Butylbenzene	11.77	119	367781	49.852	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	388237	49.575	ug/l	99
85) sec-Butylbenzene	11.94	105	449238	51.185	ug/l	100
86) p-Isopropyltoluene	12.06	119	409544	51.877	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	201829	48.599	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	200693	47.385	ug/l	99
89) n-Butylbenzene	12.38	91	385969	52.023	ug/l	99
90) Hexachloroethane	12.59	117	70324	51.908	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	197412	48.214	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35663	44.368	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	142579	48.728	ug/l	99
94) Hexachlorobutadiene	13.78	225	75168	51.217	ug/l	100
95) Naphthalene	13.83	128	437628	48.061	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	139518	47.635	ug/l	99

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

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