Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050518\
Data File : VX001415.D
Acq On : 05 May 2018 12:57
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDICC020

Manual Integrations APPROVED
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5/8/2018 7:53:31 AM

Quant Time: May 06 07:49:51 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:39:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	338902	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	229572	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	76952	21.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 42.70%			
35) Dibromofluoromethane	5.51	113	62031	21.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 42.16%			
50) Toluene-d8	8.72	98	227022	21.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 43.30%			
62) 4-Bromofluorobenzene	11.14	95	85825	20.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 40.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	73687	24.995	ug/l	100
3) Chloromethane	1.32	50	68948	23.786	ug/l	100
4) Vinyl Chloride	1.40	62	73889	24.363	ug/l	100
5) Bromomethane	1.64	94	45028	18.853	ug/l	97
6) Chloroethane	1.72	64	47403	24.467	ug/l	98
7) Trichlorofluoromethane	1.93	101	110105	21.895	ug/l	98
8) Diethyl Ether	2.19	74	41343	23.448	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63060	21.651	ug/l	99
10) Methyl Iodide	2.51	142	88737	27.671	ug/l	99
11) Tert butyl alcohol	3.08	59	81005	125.978	ug/l	98
12) 1,1-Dichloroethene	2.37	96	58691	22.285	ug/l	98
13) Acrolein	2.30	56	15615	49.511	ug/l	98
14) Allyl chloride	2.73	41	107982	23.237	ug/l	98
15) Acrylonitrile	3.15	53	175325	118.574	ug/l	98
16) Acetone	2.45	43	170160	110.503	ug/l	100
17) Carbon Disulfide	2.57	76	143709	20.886	ug/l	99
18) Methyl Acetate	2.78	43	89695	24.196	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	201010	22.390	ug/l	100
20) Methylene Chloride	2.86	84	65532	19.549	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	63184	21.995	ug/l	99
22) Diisopropyl ether	3.88	45	194233	21.808	ug/l	99
23) Vinyl Acetate	3.83	43	819148	108.651	ug/l	99
24) 1,1-Dichloroethane	3.70	63	111261	22.372	ug/l	99
25) 2-Butanone	4.72	43	245437	116.029	ug/l	98
26) 2,2-Dichloropropane	4.59	77	84538	21.032	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	68223	21.686	ug/l	97
28) Bromochloromethane	5.02	49	48706	22.138	ug/l	96
29) Tetrahydrofuran	5.18	42	154370	117.726	ug/l	99
30) Chloroform	5.22	83	114397	21.859	ug/l	96
31) Cyclohexane	5.57	56	95256	21.306	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	99705	21.794	ug/l	99
36) 1,1-Dichloropropene	5.80	75	83840	20.980	ug/l	100
37) Ethyl Acetate	4.87	43	92042	22.545	ug/l	99
38) Carbon Tetrachloride	5.79	117	89903	21.385	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	100860	21.330	ug/l		97
40) Benzene	6.15	78	251800	21.870	ug/l		99
41) Methacrylonitrile	5.07	41	51967	21.908	ug/l		99
42) 1,2-Dichloroethane	6.20	62	96892	21.714	ug/l		100
43) Isopropyl Acetate	6.48	43	141006	21.540	ug/l		100
44) Trichloroethene	7.22	130	77353	21.958	ug/l		98
45) 1,2-Dichloropropane	7.52	63	62698	21.382	ug/l		99
46) Dibromomethane	7.67	93	44286	21.448	ug/l		100
47) Bromodichloromethane	7.90	83	82870	22.296	ug/l		98
48) Methyl methacrylate	7.79	41	77025	21.978	ug/l		98
49) 1,4-Dioxane	7.76	88	34951	516.232	ug/l		99
51) 4-Methyl-2-Pentanone	8.66	43	485547	114.679	ug/l		100
52) Toluene	8.79	92	163914	21.769	ug/l		98
53) t-1,3-Dichloropropene	8.44	75	93216	21.171	ug/l		100
54) cis-1,3-Dichloropropene	9.05	75	83917	20.801	ug/l		98
55) 1,1,2-Trichloroethane	9.22	97	65365	21.605	ug/l		99
56) Ethyl methacrylate	9.19	69	91841	21.695	ug/l		97
57) 1,3-Dichloropropane	9.38	76	110969	22.630	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.32	63	241893	117.591	ug/l		99
59) 2-Hexanone	9.51	43	371940	112.751	ug/l		99
60) Dibromochloromethane	9.59	129	66525	20.977	ug/l		98
61) 1,2-Dibromoethane	9.68	107	69877	21.740	ug/l		99
64) Tetrachloroethene	9.34	164	93960	23.476	ug/l		100
65) Chlorobenzene	10.15	112	187905	20.818	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.23	131	68991	21.953	ug/l		99
67) Ethyl Benzene	10.26	91	312294	21.033	ug/l		98
68) m/p-Xylenes	10.37	106	249446	42.615	ug/l		100
69) o-Xylene	10.71	106	118931	20.884	ug/l		96
70) Styrene	10.72	104	197346	21.202	ug/l		100
71) Bromoform	10.86	173	52967	19.964	ug/l		99
73) Isopropylbenzene	11.02	105	325335	20.965	ug/l		100
74) N-amyl acetate	6.48	43	141006	21.104	ug/l	#	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	90978	19.729	ug/l		100
76) 1,2,3-Trichloropropane	11.30	75	92074m	21.464	ug/l		
77) Bromobenzene	11.26	156	91482	20.535	ug/l		99
78) n-propylbenzene	11.37	91	355730	20.703	ug/l		99
79) 2-Chlorotoluene	11.43	91	215164	20.719	ug/l		99
80) 1,3,5-Trimethylbenzene	11.51	105	273074	21.067	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.08	75	21581	19.218	ug/l		88
82) 4-Chlorotoluene	11.52	91	249394	20.078	ug/l		100
83) tert-Butylbenzene	11.77	119	260167	20.132	ug/l		97
84) 1,2,4-Trimethylbenzene	11.81	105	282329	21.224	ug/l		99
85) sec-Butylbenzene	11.95	105	325062	20.979	ug/l		100
86) p-Isopropyltoluene	12.07	119	296605	20.834	ug/l		99
87) 1,3-Dichlorobenzene	12.03	146	165398	19.864	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	166020	19.415	ug/l		99
89) n-Butylbenzene	12.40	91	241852	19.633	ug/l		100
90) Hexachloroethane	12.60	117	41688	20.209	ug/l		100
91) 1,2-Dichlorobenzene	12.40	146	167250	20.185	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20297	21.526	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	120287	18.156	ug/l	100
94) Hexachlorobutadiene	13.79	225	65926	18.961	ug/l	99
95) Naphthalene	13.84	128	341962	20.169	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	125975	19.289	ug/l	99

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

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