Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080618\
Data File : VX003868.D
Acq On : 06 Aug 2018 18:13
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
8/7/2018 1:13:01 PM

Quant Time: Aug 07 07:24:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 06:57:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	359629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	525366	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	498702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	274248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	467269	100.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 201.44%			
35) Dibromofluoromethane	5.51	113	399913	98.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 196.06%			
50) Toluene-d8	8.72	98	1557092	98.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 197.62%			
62) 4-Bromofluorobenzene	11.14	95	571492	103.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 207.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	373185	105.66	ug/l	99
3) Chloromethane	1.32	50	472543	81.71	ug/l	100
4) Vinyl Chloride	1.40	62	483265	105.40	ug/l	99
5) Bromomethane	1.64	94	249700	101.09	ug/l	100
6) Chloroethane	1.70	64	329986	125.69	ug/l	99
7) Trichlorofluoromethane	1.92	101	636231	108.23	ug/l	99
8) Diethyl Ether	2.19	74	286125	111.70	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	389700	104.68	ug/l	99
10) Methyl Iodide	2.50	142	544604	109.49	ug/l	100
11) Tert butyl alcohol	3.09	59	566936	553.23	ug/l	100
12) 1,1-Dichloroethene	2.37	96	375037	104.09	ug/l	97
13) Acrolein	2.29	56	290859	372.61	ug/l	100
14) Allyl chloride	2.72	41	738955	110.09	ug/l	100
15) Acrylonitrile	3.15	53	1347546	551.94	ug/l	100
16) Acetone	2.45	43	1320824	527.71	ug/l	99
17) Carbon Disulfide	2.56	76	1095450	107.61	ug/l	99
18) Methyl Acetate	2.78	43	599852	104.62	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	1359687	109.18	ug/l	99
20) Methylene Chloride	2.86	84	439346	100.53	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	411014	103.51	ug/l	99
22) Diisopropyl ether	3.87	45	1331024	104.13	ug/l	100
23) Vinyl Acetate	3.82	43	5734480	541.49	ug/l	99
24) 1,1-Dichloroethane	3.69	63	789973	109.08	ug/l	100
25) 2-Butanone	4.71	43	2118449	508.67	ug/l	99
26) 2,2-Dichloropropane	4.58	77	567566	113.98	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	469442	104.68	ug/l	97
28) Bromochloromethane	5.02	49	344748	102.73	ug/l	100
29) Tetrahydrofuran	5.17	42	1102690	519.53	ug/l	99
30) Chloroform	5.21	83	756301	101.73	ug/l	98
31) Cyclohexane	5.57	56	693806	110.51	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	656930	105.90	ug/l	99
36) 1,1-Dichloropropene	5.80	75	585083	102.85	ug/l	100
37) Ethyl Acetate	4.87	43	647472	99.94	ug/l	100
38) Carbon Tetrachloride	5.78	117	571709	101.11	ug/l	98

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MSVOA_X
ClientSampleId :
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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	716066	110.02	ug/l		98
40) Benzene	6.14	78	1765098	101.27	ug/l		99
41) Methacrylonitrile	5.07	41	361438	103.36	ug/l		99
42) 1,2-Dichloroethane	6.20	62	591881	101.50	ug/l		100
43) Isopropyl Acetate	6.47	43	1024398	105.39	ug/l		100
44) Trichloroethene	7.21	130	476596	101.29	ug/l		93
45) 1,2-Dichloropropane	7.52	63	452431	100.29	ug/l		99
46) Dibromomethane	7.67	93	293694	101.37	ug/l		100
47) Bromodichloromethane	7.90	83	582903	106.48	ug/l		100
48) Methyl methacrylate	7.78	41	535605	109.07	ug/l		99
49) 1,4-Dioxane	7.76	88	247303	2127.91	ug/l		100
51) 4-Methyl-2-Pentanone	8.66	43	4270530	527.43	ug/l		98
52) Toluene	8.79	92	1141650	105.96	ug/l		99
53) t-1,3-Dichloropropene	9.04	75	689435	115.09	ug/l		99
54) cis-1,3-Dichloropropene	8.44	75	712794	109.04	ug/l		98
55) 1,1,2-Trichloroethane	9.22	97	455277	100.63	ug/l		99
56) Ethyl methacrylate	9.18	69	738947	116.54	ug/l		100
57) 1,3-Dichloropropane	9.37	76	776928	105.77	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.32	63	1777569	548.94	ug/l		100
59) 2-Hexanone	9.50	43	3271188	529.78	ug/l		98
60) Dibromochloromethane	9.59	129	470006	106.87	ug/l		99
61) 1,2-Dibromoethane	9.68	107	479644	104.07	ug/l		99
64) Tetrachloroethene	9.34	164	448479	97.13	ug/l		96
65) Chlorobenzene	10.14	112	1227263	98.71	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.23	131	454994	104.29	ug/l		99
67) Ethyl Benzene	10.26	91	2080273	104.04	ug/l		98
68) m/p-Xylenes	10.36	106	1703018	218.40	ug/l		95
69) o-Xylene	10.70	106	837323	111.81	ug/l		96
70) Styrene	10.71	104	1424495	115.59	ug/l		98
71) Bromoform	10.86	173	387817	109.37	ug/l		97
73) Isopropylbenzene	11.02	105	2162919	118.06	ug/l		99
74) N-amyl acetate	6.47	43	1024398	114.05	ug/l	#	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	707679	110.28	ug/l		99
76) 1,2,3-Trichloropropane	11.30	75	626119m	112.60	ug/l		
77) Bromobenzene	11.26	156	562061	112.32	ug/l		96
78) n-propylbenzene	11.36	91	2374050	116.37	ug/l		96
79) 2-Chlorotoluene	11.43	91	1429418	114.70	ug/l		99
80) 1,3,5-Trimethylbenzene	11.51	105	1816736	121.41	ug/l		98
81) trans-1,4-Dichloro-2-buten	11.08	75	235640	132.19	ug/l		92
82) 4-Chlorotoluene	11.51	91	1664680	115.40	ug/l		99
83) tert-Butylbenzene	11.77	119	1698177	111.97	ug/l		100
84) 1,2,4-Trimethylbenzene	11.81	105	1730889	112.19	ug/l		100
85) sec-Butylbenzene	11.95	105	1918350	108.18	ug/l		99
86) p-Isopropyltoluene	12.07	119	1752725	109.75	ug/l		100
87) 1,3-Dichlorobenzene	12.03	146	931660	99.42	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	947596	98.03	ug/l		99
89) n-Butylbenzene	12.39	91	1534114	111.33	ug/l		99
90) Hexachloroethane	12.60	117	292625	112.98	ug/l		99
91) 1,2-Dichlorobenzene	12.40	146	941048	98.64	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	148393	104.85	ug/l		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	705783	104.34	ug/l	100
94) Hexachlorobutadiene	13.79	225	313919	96.02	ug/l	99
95) Naphthalene	13.83	128	2177415	110.98	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	707538	101.10	ug/l	100

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

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