Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121018\
Data File : VX006409.D
Acq On : 11 Dec 2018 09:31
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
12/11/2018 10:54:03 AM

Quant Time: Dec 11 09:55:54 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	545427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	860579	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	795406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	412010	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	291915	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.86%			
35) Dibromofluoromethane	5.50	113	273942	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.32%			
50) Toluene-d8	8.71	98	994092	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.10%			
62) 4-Bromofluorobenzene	11.14	95	386875	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	268102	50.202	ug/l	99
3) Chloromethane	1.33	50	255789	46.608	ug/l	98
4) Vinyl Chloride	1.41	62	282530	47.833	ug/l	100
5) Bromomethane	1.64	94	239245	58.446	ug/l	98
6) Chloroethane	1.71	64	176009	48.601	ug/l	100
7) Trichlorofluoromethane	1.93	101	439882	48.516	ug/l	96
8) Diethyl Ether	2.19	74	171392	49.948	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	256348	49.723	ug/l	99
10) Methyl Iodide	2.51	142	393478	50.644	ug/l	99
11) Tert butyl alcohol	3.07	59	364113	239.123	ug/l	100
12) 1,1-Dichloroethene	2.37	96	239506	48.529	ug/l	93
13) Acrolein	2.30	56	182417	219.184	ug/l	99
14) Allyl chloride	2.73	41	408626	41.913	ug/l	98
15) Acrylonitrile	3.15	53	788065	248.013	ug/l	99
16) Acetone	2.45	43	644792	246.764	ug/l	95
17) Carbon Disulfide	2.57	76	603641	39.692	ug/l	100
18) Methyl Acetate	2.78	43	447727	51.237	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	866483	49.214	ug/l	99
20) Methylene Chloride	2.85	84	274130	49.294	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	255175	48.517	ug/l	94
22) Diisopropyl ether	3.87	45	778797	51.142	ug/l	99
23) Vinyl Acetate	3.82	43	3148242	242.392	ug/l	98
24) 1,1-Dichloroethane	3.70	63	444293	51.045	ug/l	99
25) 2-Butanone	4.70	43	963384	258.393	ug/l	99
26) 2,2-Dichloropropane	4.59	77	249165	31.019	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	306603	52.262	ug/l	93
28) Bromochloromethane	5.02	49	205249	53.987	ug/l	99
29) Tetrahydrofuran	5.15	42	649408	250.619	ug/l	97
30) Chloroform	5.21	83	481831	52.678	ug/l	98
31) Cyclohexane	5.57	56	382936	47.606	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	433909	49.858	ug/l	99
36) 1,1-Dichloropropene	5.80	75	339508	46.848	ug/l	100
37) Ethyl Acetate	4.85	43	378070	46.585	ug/l	99
38) Carbon Tetrachloride	5.79	117	383308	44.960	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	428970	45.602	ug/l		99
40) Benzene	6.14	78	1061753	48.917	ug/l		98
41) Methacrylonitrile	5.06	41	206745	46.297	ug/l		96
42) 1,2-Dichloroethane	6.20	62	362459	51.024	ug/l		100
43) Isopropyl Acetate	6.46	43	613910	45.370	ug/l		99
44) Trichloroethene	7.21	130	312670	47.551	ug/l		97
45) 1,2-Dichloropropane	7.52	63	263315	47.733	ug/l		99
46) Dibromomethane	7.66	93	193346	48.530	ug/l		95
47) Bromodichloromethane	7.90	83	364038	47.184	ug/l		99
48) Methyl methacrylate	7.77	41	305267	46.374	ug/l		97
49) 1,4-Dioxane	7.75	88	158711	978.241	ug/l		98
51) 4-Methyl-2-Pentanone	8.65	43	1889113	239.825	ug/l		98
52) Toluene	8.79	92	703641	49.275	ug/l		98
53) t-1,3-Dichloropropene	9.04	75	378368	41.933	ug/l		97
54) cis-1,3-Dichloropropene	8.44	75	406182	43.352	ug/l		97
55) 1,1,2-Trichloroethane	9.21	97	297641	51.306	ug/l		99
56) Ethyl methacrylate	9.18	69	445700	49.144	ug/l		96
57) 1,3-Dichloropropane	9.37	76	468208	51.039	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.32	63	1096661	238.290	ug/l		99
59) 2-Hexanone	9.49	43	1417197	235.489	ug/l		99
60) Dibromochloromethane	9.59	129	330355	46.181	ug/l		100
61) 1,2-Dibromoethane	9.67	107	320543	49.415	ug/l		99
64) Tetrachloroethene	9.34	164	288151	48.104	ug/l		97
65) Chlorobenzene	10.14	112	823542	48.774	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.22	131	304991	46.490	ug/l		99
67) Ethyl Benzene	10.25	91	1355188	48.257	ug/l		99
68) m/p-Xylenes	10.36	106	1085434	96.491	ug/l		100
69) o-Xylene	10.70	106	539121	48.519	ug/l		100
70) Styrene	10.71	104	873930	48.629	ug/l		99
71) Bromoform	10.86	173	255605	41.274	ug/l	#	99
73) Isopropylbenzene	11.02	105	1417295	49.812	ug/l		100
74) N-amyl acetate	10.90	43	542492	44.276	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.27	83	443295	48.699	ug/l		100
76) 1,2,3-Trichloropropane	11.30	75	404280m	50.837	ug/l		
77) Bromobenzene	11.26	156	382262	48.411	ug/l		98
78) n-propylbenzene	11.36	91	1563593	49.437	ug/l		99
79) 2-Chlorotoluene	11.42	91	935030	49.740	ug/l		99
80) 1,3,5-Trimethylbenzene	11.51	105	1162046	49.086	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.07	75	118568	34.989	ug/l		89
82) 4-Chlorotoluene	11.51	91	1060912	48.540	ug/l		99
83) tert-Butylbenzene	11.77	119	1224598	48.482	ug/l		98
84) 1,2,4-Trimethylbenzene	11.80	105	1213074	49.624	ug/l		100
85) sec-Butylbenzene	11.94	105	1425942	49.623	ug/l		100
86) p-Isopropyltoluene	12.07	119	1277863	49.385	ug/l		100
87) 1,3-Dichlorobenzene	12.02	146	687329	48.920	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	682328	47.847	ug/l		100
89) n-Butylbenzene	12.39	91	1068824	48.411	ug/l		99
90) Hexachloroethane	12.60	117	227772	43.190	ug/l		96
91) 1,2-Dichlorobenzene	12.39	146	674741	48.388	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	102785	44.049	ug/l		94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	478726	47.058	ug/l	100
94) Hexachlorobutadiene	13.79	225	208933	46.440	ug/l	99
95) Naphthalene	13.83	128	1567636	49.538	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	486693	48.301	ug/l	98

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

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