Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021519\
Data File : VX007558.D
Acq On : 14 Feb 2019 20:48
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
2/15/2019 10:10:32 AM

Quant Time: Feb 15 03:44:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	473426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	708411	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	657572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	344432	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	250932	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.88%			
35) Dibromofluoromethane	5.50	113	224447	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.38%			
50) Toluene-d8	8.71	98	824643	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.44%			
62) 4-Bromofluorobenzene	11.13	95	308680	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	278936	47.954	ug/l	99
3) Chloromethane	1.33	50	266109	49.904	ug/l	99
4) Vinyl Chloride	1.41	62	287051	54.872	ug/l	99
5) Bromomethane	1.64	94	153173	29.410	ug/l	98
6) Chloroethane	1.72	64	192058	56.753	ug/l	100
7) Trichlorofluoromethane	1.93	101	449805	54.964	ug/l	97
8) Diethyl Ether	2.19	74	169601	55.062	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	243064	49.933	ug/l	98
10) Methyl Iodide	2.51	142	245374	34.266	ug/l	99
11) Tert butyl alcohol	3.07	59	326020	313.501	ug/l	98
12) 1,1-Dichloroethene	2.38	96	228879	50.634	ug/l	99
13) Acrolein	2.30	56	122698	251.609	ug/l	96
14) Allyl chloride	2.73	41	420656	57.114	ug/l	98
15) Acrylonitrile	3.15	53	741890	288.383	ug/l	100
16) Acetone	2.45	43	679118	295.033	ug/l	98
17) Carbon Disulfide	2.57	76	549103	46.605	ug/l	99
18) Methyl Acetate	2.78	43	410999	68.309	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	828069	56.545	ug/l	100
20) Methylene Chloride	2.86	84	256030	54.490	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	236919	49.202	ug/l	96
22) Diisopropyl ether	3.87	45	714063	52.707	ug/l	95
23) Vinyl Acetate	3.82	43	2981427	265.198	ug/l	100
24) 1,1-Dichloroethane	3.70	63	383951	49.350	ug/l	99
25) 2-Butanone	4.70	43	883872	269.819	ug/l	97
26) 2,2-Dichloropropane	4.59	77	265281	44.773	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	245732	46.722	ug/l	98
28) Bromochloromethane	5.02	49	173784	48.572	ug/l	95
29) Tetrahydrofuran	5.15	42	573267	278.252	ug/l	99
30) Chloroform	5.21	83	407654	50.213	ug/l	99
31) Cyclohexane	5.57	56	322202	46.110	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	348871	50.909	ug/l	99
36) 1,1-Dichloropropene	5.80	75	279707	44.006	ug/l	99
37) Ethyl Acetate	4.85	43	329167	51.230	ug/l	99
38) Carbon Tetrachloride	5.78	117	300928	48.801	ug/l	99

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.46	83	336007	43.692	ug/l		99
40) Benzene	6.14	78	889164	47.490	ug/l		98
41) Methacrylonitrile	5.06	41	185279	53.803	ug/l		99
42) 1,2-Dichloroethane	6.20	62	311285	48.052	ug/l		100
43) Isopropyl Acetate	6.46	43	535461	53.991	ug/l		100
44) Trichloroethene	7.21	130	252313	44.744	ug/l		97
45) 1,2-Dichloropropane	7.51	63	229122	48.841	ug/l		100
46) Dibromomethane	7.66	93	161402	47.338	ug/l		98
47) Bromodichloromethane	7.90	83	289052	50.023	ug/l		98
48) Methyl methacrylate	7.77	41	273593	55.152	ug/l		98
49) 1,4-Dioxane	7.75	88	119370	1057.701	ug/l		98
51) 4-Methyl-2-Pentanone	8.65	43	1775174	271.902	ug/l		100
52) Toluene	8.79	92	573869	47.505	ug/l		100
53) t-1,3-Dichloropropene	9.04	75	321831	51.851	ug/l		99
54) cis-1,3-Dichloropropene	8.43	75	348809	51.102	ug/l		96
55) 1,1,2-Trichloroethane	9.21	97	244545	48.564	ug/l		98
56) Ethyl methacrylate	9.18	69	369864	53.033	ug/l		99
57) 1,3-Dichloropropane	9.37	76	387499	48.390	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.31	63	957050	260.352	ug/l		100
59) 2-Hexanone	9.49	43	1351668	266.053	ug/l		100
60) Dibromochloromethane	9.58	129	257794	54.131	ug/l		99
61) 1,2-Dibromoethane	9.67	107	262066	49.144	ug/l		99
64) Tetrachloroethene	9.34	164	254259	41.024	ug/l		99
65) Chlorobenzene	10.14	112	660312	46.016	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.22	131	246135	51.161	ug/l		99
67) Ethyl Benzene	10.25	91	1156098	50.030	ug/l		100
68) m/p-Xylenes	10.36	106	871005	94.821	ug/l		97
69) o-Xylene	10.70	106	430326	48.685	ug/l		96
70) Styrene	10.71	104	702615	49.015	ug/l		98
71) Bromoform	10.86	173	197679	47.102	ug/l	#	99
73) Isopropylbenzene	11.02	105	1174844	50.194	ug/l		100
74) N-amyl acetate	10.90	43	494226	54.591	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.27	83	371873	52.133	ug/l		98
76) 1,2,3-Trichloropropane	11.29	75	348485m	52.016	ug/l		
77) Bromobenzene	11.26	156	310912	47.145	ug/l		97
78) n-propylbenzene	11.36	91	1322371	51.522	ug/l		98
79) 2-Chlorotoluene	11.42	91	764027	49.059	ug/l		98
80) 1,3,5-Trimethylbenzene	11.51	105	968915	50.599	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.07	75	100912	46.848	ug/l		98
82) 4-Chlorotoluene	11.51	91	900812	49.988	ug/l		98
83) tert-Butylbenzene	11.77	119	945978	49.897	ug/l		99
84) 1,2,4-Trimethylbenzene	11.80	105	998212	51.347	ug/l		98
85) sec-Butylbenzene	11.94	105	1154659	50.321	ug/l		100
86) p-Isopropyltoluene	12.06	119	1034580	49.948	ug/l		99
87) 1,3-Dichlorobenzene	12.02	146	551789	46.622	ug/l		99
88) 1,4-Dichlorobenzene	12.10	146	550418	45.839	ug/l		100
89) n-Butylbenzene	12.38	91	881808	49.489	ug/l		100
90) Hexachloroethane	12.60	117	166817	53.812	ug/l		100
91) 1,2-Dichlorobenzene	12.39	146	547567	46.489	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	80745	54.439	ug/l		96

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2/15/2019 10:10:32 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	370786	46.679	ug/l	100
94) Hexachlorobutadiene	13.78	225	179134	46.443	ug/l	99
95) Naphthalene	13.83	128	1189202	51.195	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	368353	46.069	ug/l	99

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

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