Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052119\
Data File : VX009742.D
Acq On : 21 May 2019 12:12
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
5/22/2019 9:40:25 AM

Quant Time: May 22 07:18:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	175654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	272692	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126116	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	99694	41.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.16%			
35) Dibromofluoromethane	5.49	113	73859	43.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.18%			
50) Toluene-d8	8.71	98	291332	42.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.18%			
62) 4-Bromofluorobenzene	11.13	95	112607	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	75692	46.762	ug/l	98
3) Chloromethane	1.32	50	111930	50.649	ug/l	99
4) Vinyl Chloride	1.41	62	107242	49.766	ug/l	98
5) Bromomethane	1.64	94	67300	52.032	ug/l	96
6) Chloroethane	1.71	64	66145	47.808	ug/l	99
7) Trichlorofluoromethane	1.92	101	131381	50.156	ug/l	96
8) Diethyl Ether	2.18	74	58935	47.498	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	80815	49.130	ug/l	99
10) Methyl Iodide	2.51	142	91234	47.944	ug/l	99
11) Tert butyl alcohol	3.05	59	121495	218.889	ug/l	99
12) 1,1-Dichloroethene	2.37	96	80536	48.865	ug/l	99
13) Acrolein	2.29	56	99723	198.385	ug/l	99
14) Allyl chloride	2.73	41	194886	48.521	ug/l	98
15) Acrylonitrile	3.14	53	317637	234.048	ug/l	99
16) Acetone	2.45	43	312345	242.585	ug/l	98
17) Carbon Disulfide	2.57	76	243035	52.522	ug/l	100
18) Methyl Acetate	2.77	43	132859	43.388	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	306106	47.828	ug/l	99
20) Methylene Chloride	2.85	84	95815	45.960	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	88021	49.245	ug/l	98
22) Diisopropyl ether	3.85	45	374600	48.497	ug/l	97
23) Vinyl Acetate	3.81	43	1691021	255.659	ug/l	99
24) 1,1-Dichloroethane	3.69	63	178994	46.974	ug/l	100
25) 2-Butanone	4.67	43	485406	242.600	ug/l	99
26) 2,2-Dichloropropane	4.58	77	138540	48.846	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	101128	47.400	ug/l	98
28) Bromochloromethane	5.01	49	65073	41.984	ug/l	98
29) Tetrahydrofuran	5.12	42	312531	242.736	ug/l	97
30) Chloroform	5.21	83	165743	48.093	ug/l	98
31) Cyclohexane	5.57	56	183576	51.783	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	139099	48.485	ug/l	99
36) 1,1-Dichloropropene	5.79	75	132160	52.151	ug/l	99
37) Ethyl Acetate	4.83	43	179666	50.885	ug/l	99
38) Carbon Tetrachloride	5.78	117	117150	50.881	ug/l	99

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	168989	54.299	ug/l	99
40) Benzene	6.14	78	392703	50.072	ug/l	100
41) Methacrylonitrile	5.04	41	101601	48.340	ug/l	99
42) 1,2-Dichloroethane	6.19	62	143070	50.854	ug/l	98
43) Isopropyl Acetate	6.44	43	288714	51.120	ug/l	99
44) Trichloroethene	7.21	130	93944	49.548	ug/l	95
45) 1,2-Dichloropropane	7.51	63	111377	50.153	ug/l	99
46) Dibromomethane	7.66	93	63158	48.974	ug/l	99
47) Bromodichloromethane	7.90	83	128663	50.016	ug/l	98
48) Methyl methacrylate	7.77	41	145943	52.085	ug/l	98
49) 1,4-Dioxane	7.74	88	48388	851.540	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	944718	255.917	ug/l	99
52) Toluene	8.78	92	242437	50.853	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	153421	52.825	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	167594	52.135	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	96484	49.607	ug/l	97
56) Ethyl methacrylate	9.18	69	177718	51.188	ug/l	97
57) 1,3-Dichloropropane	9.37	76	169878	49.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	355467	192.997	ug/l	99
59) 2-Hexanone	9.49	43	737291	254.303	ug/l	98
60) Dibromochloromethane	9.58	129	96800	50.957	ug/l	99
61) 1,2-Dibromoethane	9.67	107	99200	50.527	ug/l	98
64) Tetrachloroethene	9.34	164	87421	50.687	ug/l	99
65) Chlorobenzene	10.13	112	249688	49.642	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	89063	48.841	ug/l	99
67) Ethyl Benzene	10.25	91	473643	51.167	ug/l	100
68) m/p-Xylenes	10.35	106	348519	103.029	ug/l	99
69) o-Xylene	10.69	106	167602	50.217	ug/l	99
70) Styrene	10.71	104	296045	51.034	ug/l	99
71) Bromoform	10.85	173	76151	51.388	ug/l	99
73) Isopropylbenzene	11.02	105	453251	49.422	ug/l	100
74) N-amyl acetate	10.90	43	266221	49.791	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	159823	46.748	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	140745m	48.111	ug/l	
77) Bromobenzene	11.26	156	111766	49.100	ug/l	100
78) n-propylbenzene	11.36	91	536092	51.184	ug/l	100
79) 2-Chlorotoluene	11.42	91	314058	48.602	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	387826	50.223	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56279	49.223	ug/l	97
82) 4-Chlorotoluene	11.51	91	365020	50.003	ug/l	100
83) tert-Butylbenzene	11.77	119	369671	49.211	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	389699	50.278	ug/l	99
85) sec-Butylbenzene	11.94	105	449537	50.476	ug/l	100
86) p-Isopropyltoluene	12.06	119	412478	51.518	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	200960	49.523	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	201624	49.284	ug/l	100
89) n-Butylbenzene	12.38	91	386864	53.460	ug/l	99
90) Hexachloroethane	12.59	117	69484	50.940	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	198495	48.025	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35438	46.207	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	145550	51.497	ug/l	98
94) Hexachlorobutadiene	13.78	225	76105	52.729	ug/l	99
95) Naphthalene	13.83	128	441107	47.970	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	142274	49.659	ug/l	99

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

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