Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022720\
Data File : VX015047.D
Acq On : 27 Feb 2020 14:51
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
2/28/2020 11:28:57 AM

Quant Time: Feb 27 17:01:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	414704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	626990	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	581872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	227821	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.36%			
35) Dibromofluoromethane	5.49	113	194768	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.06%			
50) Toluene-d8	8.71	98	732552	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.58%			
62) 4-Bromofluorobenzene	11.13	95	270929	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	173257	44.116	ug/l	100
3) Chloromethane	1.32	50	215209	48.334	ug/l	99
4) Vinyl Chloride	1.41	62	224133	46.728	ug/l	96
5) Bromomethane	1.63	94	126495	40.743	ug/l	99
6) Chloroethane	1.72	64	145666	47.462	ug/l	98
7) Trichlorofluoromethane	1.92	101	283798	42.348	ug/l	99
8) Diethyl Ether	2.18	74	133020	47.866	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	183793	47.248	ug/l	98
10) Methyl Iodide	2.50	142	192543	44.889	ug/l	98
11) Tert butyl alcohol	3.03	59	210148	254.304	ug/l	99
12) 1,1-Dichloroethene	2.37	96	180287	47.429	ug/l	96
13) Acrolein	2.28	56	134106	212.926	ug/l	98
14) Allyl chloride	2.72	41	326441	48.438	ug/l	96
15) Acrylonitrile	3.13	53	567150	270.729	ug/l	99
16) Acetone	2.43	43	478867	187.751	ug/l	97
17) Carbon Disulfide	2.56	76	434596	40.920	ug/l	100
18) Methyl Acetate	2.76	43	271267	57.549	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	616562	49.840	ug/l	99
20) Methylene Chloride	2.85	84	208980	46.417	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	197191	47.014	ug/l	99
22) Diisopropyl ether	3.84	45	677799	52.659	ug/l	95
23) Vinyl Acetate	3.81	43	2853554	268.931	ug/l	99
24) 1,1-Dichloroethane	3.69	63	363952	50.100	ug/l	99
25) 2-Butanone	4.65	43	772248	242.364	ug/l	100
26) 2,2-Dichloropropane	4.58	77	285578	45.616	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	229554	48.961	ug/l	100
28) Bromochloromethane	5.01	49	145974	51.842	ug/l	97
29) Tetrahydrofuran	5.11	42	494777	273.159	ug/l	100
30) Chloroform	5.20	83	362569	50.305	ug/l	99
31) Cyclohexane	5.58	56	310378	46.909	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	298557	47.355	ug/l	99
36) 1,1-Dichloropropene	5.79	75	264224	47.110	ug/l	99
37) Ethyl Acetate	4.82	43	302799	51.763	ug/l	100
38) Carbon Tetrachloride	5.78	117	255229	46.696	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	7.46	83	320407	45.679 ug/l	98
40) Benzene	6.14	78	822032	49.054 ug/l	98
41) Methacrylonitrile	5.03	41	168139	53.355 ug/l	98
42) 1,2-Dichloroethane	6.19	62	283138	46.748 ug/l	99
43) Isopropyl Acetate	6.43	43	494610	51.256 ug/l	99
44) Trichloroethene	7.21	130	228209	46.911 ug/l	99
45) 1,2-Dichloropropane	7.51	63	218217	51.060 ug/l	99
46) Dibromomethane	7.65	93	141307	48.371 ug/l	98
47) Bromodichloromethane	7.89	83	283757	48.989 ug/l	97
48) Methyl methacrylate	7.76	41	248242	52.273 ug/l	98
49) 1,4-Dioxane	7.73	88	93465	1052.634 ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	1569958	269.438 ug/l	100
52) Toluene	8.78	92	517801	48.650 ug/l	100
53) t-1,3-Dichloropropene	9.04	75	312523	49.232 ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	345391	49.252 ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	219302	50.928 ug/l	100
56) Ethyl methacrylate	9.17	69	341421	52.750 ug/l	98
57) 1,3-Dichloropropane	9.37	76	361533	49.876 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	865667	255.738 ug/l	99
59) 2-Hexanone	9.48	43	1189202	259.655 ug/l	99
60) Dibromochloromethane	9.57	129	232997	50.279 ug/l	100
61) 1,2-Dibromoethane	9.67	107	226525	48.755 ug/l	99
64) Tetrachloroethene	9.33	164	225607	41.470 ug/l	99
65) Chlorobenzene	10.14	112	567253	48.065 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	214934	50.164 ug/l	98
67) Ethyl Benzene	10.25	91	995509	49.598 ug/l	99
68) m/p-Xylenes	10.36	106	761357	98.466 ug/l	98
69) o-Xylene	10.70	106	368583	49.589 ug/l	99
70) Styrene	10.71	104	641217	50.995 ug/l	99
71) Bromoform	10.85	173	181319	50.699 ug/l	99
73) Isopropylbenzene	11.01	105	977213	48.530 ug/l	100
74) N-amyl acetate	10.89	43	429481	51.332 ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	333979	50.738 ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	274336m	47.247 ug/l	
77) Bromobenzene	11.25	156	263813	46.939 ug/l	99
78) n-propylbenzene	11.35	91	1135978	48.776 ug/l	100
79) 2-Chlorotoluene	11.42	91	661670	48.326 ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	821862	48.848 ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	110613	48.762 ug/l	99
82) 4-Chlorotoluene	11.51	91	776166	47.870 ug/l	100
83) tert-Butylbenzene	11.76	119	818859	51.395 ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	834595	49.222 ug/l	100
85) sec-Butylbenzene	11.94	105	966949	48.853 ug/l	99
86) p-Isopropyltoluene	12.06	119	904171	48.817 ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	468444	46.460 ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	479479	46.568 ug/l	99
89) n-Butylbenzene	12.39	91	795054	47.929 ug/l	100
90) Hexachloroethane	12.59	117	157684	48.750 ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	467417	47.273 ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	69584	45.060 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	333299	45.669	ug/l	99
94) Hexachlorobutadiene	13.78	225	163191	46.230	ug/l	99
95) Naphthalene	13.83	128	984139	50.717	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	331648	47.035	ug/l	98

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

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