Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061820\
Data File : VX016870.D
Acq On : 19 Jun 2020 04:04
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
6/19/2020 12:50:58 PM

Quant Time: Jun 19 12:18:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	273063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	378561	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	418029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201247	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	130258	39.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 79.32%			
35) Dibromofluoromethane	5.46	113	123619	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.10%			
50) Toluene-d8	8.70	98	413136	42.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.28%			
62) 4-Bromofluorobenzene	11.12	95	169838	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	184144	54.951	ug/l	99
3) Chloromethane	1.31	50	181476	53.408	ug/l	99
4) Vinyl Chloride	1.39	62	193152	50.436	ug/l	98
5) Bromomethane	1.62	94	114538	49.671	ug/l	99
6) Chloroethane	1.71	64	111030	47.074	ug/l	99
7) Trichlorofluoromethane	1.92	101	254276	47.462	ug/l	98
8) Diethyl Ether	2.17	74	97108	46.620	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	122255	42.841	ug/l	98
10) Methyl Iodide	2.49	142	135646	49.931	ug/l	99
11) Tert butyl alcohol	3.01	59	136668	246.171	ug/l	98
12) 1,1-Dichloroethene	2.36	96	130372	44.678	ug/l	98
13) Acrolein	2.27	56	69811	207.400	ug/l	98
14) Allyl chloride	2.71	41	174471	45.202	ug/l	98
15) Acrylonitrile	3.12	53	304439	239.294	ug/l	99
16) Acetone	2.42	43	252248	211.587	ug/l	99
17) Carbon Disulfide	2.55	76	326976	43.359	ug/l	100
18) Methyl Acetate	2.75	43	148174	48.877	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	398206	47.885	ug/l	99
20) Methylene Chloride	2.84	84	128431	44.923	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	127372	46.241	ug/l	98
22) Diisopropyl ether	3.82	45	350708	47.423	ug/l	97
23) Vinyl Acetate	3.78	43	1461736	239.706	ug/l	99
24) 1,1-Dichloroethane	3.67	63	214825	46.505	ug/l	100
25) 2-Butanone	4.64	43	387189	235.985	ug/l	99
26) 2,2-Dichloropropane	4.56	77	157635	36.423	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	144769	46.761	ug/l	100
28) Bromochloromethane	4.98	49	110191	57.473	ug/l	91
29) Tetrahydrofuran	5.09	42	260993	252.574	ug/l	100
30) Chloroform	5.17	83	250495	51.364	ug/l	98
31) Cyclohexane	5.55	56	219953	54.160	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	238643	51.701	ug/l	99
36) 1,1-Dichloropropene	5.77	75	187731	53.709	ug/l	98
37) Ethyl Acetate	4.79	43	153245	49.620	ug/l	99
38) Carbon Tetrachloride	5.76	117	205881	52.494	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.44	83	246207	60.579	ug/l		97
40) Benzene	6.11	78	501067	47.775	ug/l		99
41) Methacrylonitrile	5.00	41	109032	65.030	ug/l		97
42) 1,2-Dichloroethane	6.16	62	176731	47.354	ug/l		100
43) Isopropyl Acetate	6.42	43	256471	47.555	ug/l		99
44) Trichloroethene	7.19	130	187500	58.374	ug/l		99
45) 1,2-Dichloropropane	7.49	63	165205	62.659	ug/l		95
46) Dibromomethane	7.64	93	104737	58.577	ug/l		99
47) Bromodichloromethane	7.88	83	212007	55.750	ug/l		99
48) Methyl methacrylate	7.74	41	156628	61.675	ug/l		100
49) 1,4-Dioxane	7.71	88	74673	1313.539	ug/l		99
51) 4-Methyl-2-Pentanone	8.62	43	783153	241.433	ug/l		99
52) Toluene	8.76	92	329576	47.369	ug/l		98
53) t-1,3-Dichloropropene	9.02	75	199901	47.815	ug/l		98
54) cis-1,3-Dichloropropene	8.42	75	212272	47.462	ug/l		99
55) 1,1,2-Trichloroethane	9.20	97	132567	50.464	ug/l		99
56) Ethyl methacrylate	9.16	69	196998	51.801	ug/l		99
57) 1,3-Dichloropropane	9.35	76	224237	50.353	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.29	63	496637	280.661	ug/l		99
59) 2-Hexanone	9.47	43	612117	260.583	ug/l		99
60) Dibromochloromethane	9.57	129	164526	52.208	ug/l		98
61) 1,2-Dibromoethane	9.65	107	166991	58.576	ug/l		100
64) Tetrachloroethene	9.32	164	166632	43.046	ug/l		99
65) Chlorobenzene	10.12	112	411624	48.626	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.20	131	163693	49.895	ug/l		99
67) Ethyl Benzene	10.24	91	723626	50.665	ug/l		100
68) m/p-Xylenes	10.34	106	513918	92.468	ug/l		99
69) o-Xylene	10.68	106	268148	52.179	ug/l		97
70) Styrene	10.70	104	489954	56.112	ug/l		99
71) Bromoform	10.84	173	144741	52.475	ug/l	#	100
73) Isopropylbenzene	11.00	105	665993	51.399	ug/l		100
74) N-amyl acetate	10.88	43	284339	62.843	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.25	83	184789	50.506	ug/l		99
76) 1,2,3-Trichloropropane	11.28	75	180547m	49.123	ug/l		
77) Bromobenzene	11.24	156	176198	49.861	ug/l		99
78) n-propylbenzene	11.34	91	722648	49.973	ug/l		100
79) 2-Chlorotoluene	11.40	91	432918	48.930	ug/l		100
80) 1,3,5-Trimethylbenzene	11.49	105	548614	49.073	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.05	75	68092	45.368	ug/l		98
82) 4-Chlorotoluene	11.49	91	514188	48.442	ug/l		100
83) tert-Butylbenzene	11.76	119	517189	46.756	ug/l		99
84) 1,2,4-Trimethylbenzene	11.79	105	561700	48.775	ug/l		99
85) sec-Butylbenzene	11.93	105	607879	47.318	ug/l		99
86) p-Isopropyltoluene	12.05	119	584609	49.668	ug/l		99
87) 1,3-Dichlorobenzene	12.01	146	298390	46.218	ug/l		98
88) 1,4-Dichlorobenzene	12.08	146	306946	47.011	ug/l		99
89) n-Butylbenzene	12.37	91	471606	46.724	ug/l		99
90) Hexachloroethane	12.58	117	104540	49.305	ug/l		97
91) 1,2-Dichlorobenzene	12.38	146	289839	46.504	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	43323	49.939	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	203689	48.669	ug/l	99
94) Hexachlorobutadiene	13.77	225	91456	48.427	ug/l	94
95) Naphthalene	13.82	128	641753	52.230	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	199914	47.898	ug/l	98

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

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