Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051120\
Data File : VX016138.D
Acq On : 11 May 2020 09:58
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
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5/12/2020 2:07:02 PM

Quant Time: May 11 18:36:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	300090	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	467535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	431936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	220987	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	178766	45.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.54%			
35) Dibromofluoromethane	5.46	113	141684	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.66%			
50) Toluene-d8	8.70	98	559175	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.98%			
62) 4-Bromofluorobenzene	11.12	95	215905	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	160828	50.633	ug/l	100
3) Chloromethane	1.31	50	165381	44.833	ug/l	99
4) Vinyl Chloride	1.39	62	182811	46.451	ug/l	100
5) Bromomethane	1.62	94	74764	37.681	ug/l	97
6) Chloroethane	1.70	64	110615	46.193	ug/l	98
7) Trichlorofluoromethane	1.91	101	237745	46.014	ug/l	98
8) Diethyl Ether	2.17	74	98075	45.050	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	144930	48.619	ug/l	100
10) Methyl Iodide	2.49	142	144370	36.055	ug/l	99
11) Tert butyl alcohol	3.01	59	213758	214.064	ug/l	100
12) 1,1-Dichloroethene	2.36	96	145346	46.593	ug/l	100
13) Acrolein	2.27	56	102581	164.164	ug/l	100
14) Allyl chloride	2.70	41	270166	47.234	ug/l	96
15) Acrylonitrile	3.11	53	475871	229.719	ug/l	99
16) Acetone	2.42	43	385164	218.601	ug/l	96
17) Carbon Disulfide	2.55	76	434833	46.402	ug/l	99
18) Methyl Acetate	2.75	43	205028	47.326	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	527366	49.040	ug/l	99
20) Methylene Chloride	2.83	84	166669	45.886	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	162454	46.733	ug/l	100
22) Diisopropyl ether	3.82	45	519123	48.109	ug/l	97
23) Vinyl Acetate	3.78	43	2294086	241.652	ug/l	100
24) 1,1-Dichloroethane	3.67	63	293964	48.700	ug/l	99
25) 2-Butanone	4.63	43	622282	219.174	ug/l	99
26) 2,2-Dichloropropane	4.55	77	269072	48.811	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	182702	48.075	ug/l	99
28) Bromochloromethane	4.98	49	132454	48.123	ug/l	99
29) Tetrahydrofuran	5.09	42	429694	228.406	ug/l	100
30) Chloroform	5.18	83	291841	48.559	ug/l	100
31) Cyclohexane	5.54	56	270143	49.244	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	264120	48.347	ug/l	99
36) 1,1-Dichloropropene	5.77	75	226550	49.226	ug/l	99
37) Ethyl Acetate	4.79	43	249726	46.817	ug/l	99
38) Carbon Tetrachloride	5.75	117	235078	50.254	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.44	83	278925	50.326	ug/l		98
40) Benzene	6.11	78	673155	49.990	ug/l		100
41) Methacrylonitrile	5.00	41	139726	48.504	ug/l		99
42) 1,2-Dichloroethane	6.16	62	230423	47.502	ug/l		99
43) Isopropyl Acetate	6.41	43	410316	48.211	ug/l		99
44) Trichloroethene	7.19	130	246107	51.445	ug/l		99
45) 1,2-Dichloropropane	7.49	63	174291	51.152	ug/l		98
46) Dibromomethane	7.63	93	113562	49.044	ug/l		99
47) Bromodichloromethane	7.87	83	240473	50.992	ug/l		100
48) Methyl methacrylate	7.74	41	194325	48.186	ug/l		97
49) 1,4-Dioxane	7.71	88	88749	917.587	ug/l		98
51) 4-Methyl-2-Pentanone	8.62	43	1263451	242.594	ug/l		99
52) Toluene	8.76	92	427688	50.955	ug/l		100
53) t-1,3-Dichloropropene	9.02	75	283057	50.341	ug/l		99
54) cis-1,3-Dichloropropene	8.42	75	296667	50.513	ug/l		96
55) 1,1,2-Trichloroethane	9.20	97	167732	50.792	ug/l		98
56) Ethyl methacrylate	9.16	69	275940	51.191	ug/l		97
57) 1,3-Dichloropropane	9.35	76	290992	50.500	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.29	63	743074	258.936	ug/l		100
59) 2-Hexanone	9.47	43	996497	243.640	ug/l		98
60) Dibromochloromethane	9.57	129	192072	52.810	ug/l		100
61) 1,2-Dibromoethane	9.65	107	178521	49.908	ug/l		98
64) Tetrachloroethene	9.32	164	274730	51.811	ug/l		98
65) Chlorobenzene	10.12	112	458436	50.688	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.21	131	170735	51.075	ug/l		99
67) Ethyl Benzene	10.23	91	821121	50.884	ug/l		100
68) m/p-Xylenes	10.34	106	632826	104.668	ug/l		99
69) o-Xylene	10.68	106	301999	51.964	ug/l		99
70) Styrene	10.70	104	518696	52.609	ug/l		100
71) Bromoform	10.84	173	146674	53.855	ug/l	#	100
73) Isopropylbenzene	11.00	105	812607	50.556	ug/l		99
74) N-amyl acetate	10.88	43	357590	47.696	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.26	83	126814	41.241	ug/l		100
76) 1,2,3-Trichloropropane	11.28	75	243944m	48.646	ug/l		
77) Bromobenzene	11.24	156	203771	49.116	ug/l		99
78) n-propylbenzene	11.34	91	956883	51.173	ug/l		100
79) 2-Chlorotoluene	11.40	91	553950	50.188	ug/l		100
80) 1,3,5-Trimethylbenzene	11.49	105	692493	51.027	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.06	75	104906	49.853	ug/l	#	86
82) 4-Chlorotoluene	11.49	91	655559	50.297	ug/l		99
83) tert-Butylbenzene	11.76	119	590371	50.478	ug/l		99
84) 1,2,4-Trimethylbenzene	11.79	105	706453	51.489	ug/l		99
85) sec-Butylbenzene	11.93	105	808053	51.171	ug/l		100
86) p-Isopropyltoluene	12.05	119	751488	51.257	ug/l		100
87) 1,3-Dichlorobenzene	12.01	146	366147	49.152	ug/l		99
88) 1,4-Dichlorobenzene	12.08	146	366638	48.492	ug/l		98
89) n-Butylbenzene	12.37	91	679562	50.737	ug/l		100
90) Hexachloroethane	12.58	117	129869	51.577	ug/l		96
91) 1,2-Dichlorobenzene	12.38	146	353627	49.300	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59147	44.752	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	265415	49.979	ug/l	98
94) Hexachlorobutadiene	13.77	225	112302	49.120	ug/l	98
95) Naphthalene	13.82	128	846899	49.251	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	260997	50.288	ug/l	98

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

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