Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020421\
Data File : VX020854.D
Acq On : 04 Feb 2021 09:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 05 01:35:47 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:38:15 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.629	168	299856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	443555	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	428389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	226140	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	184230	45.04	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 90.08%			
35) Dibromofluoromethane	5.458	113	158248	52.09	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.18%			
50) Toluene-d8	8.689	98	561547	50.42	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.84%			
62) 4-Bromofluorobenzene	11.116	95	220427	50.96	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	229604	48.47	ug/l	100
3) Chloromethane	1.313	50	192204	45.57	ug/l	99
4) Vinyl Chloride	1.392	62	196160	46.65	ug/l	100
5) Bromomethane	1.624	94	90251	44.67	ug/l	99
6) Chloroethane	1.703	64	115466	48.51	ug/l	98
7) Trichlorofluoromethane	1.910	101	292606	51.29	ug/l	97
8) Diethyl Ether	2.166	74	98259	48.00	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.361	101	150064	51.53	ug/l	99
10) Methyl Iodide	2.483	142	182862	44.77	ug/l	91
11) Tert butyl alcohol	3.014	59	162410	212.71	ug/l	98
12) 1,1-Dichloroethene	2.349	96	140749	48.88	ug/l	96
13) Acrolein	2.270	56	143691	249.53	ug/l	98
14) Allyl chloride	2.703	41	245492	45.78	ug/l	96
15) Acrylonitrile	3.111	53	450902	233.32	ug/l	100
16) Acetone	2.416	43	428094	276.06	ug/l	98
17) Carbon Disulfide	2.544	76	424322	45.79	ug/l	100
18) Methyl Acetate	2.745	43	193944	48.95	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	534594	49.63	ug/l	100
20) Methylene Chloride	2.831	84	185220	47.33	ug/l	100
21) trans-1,2-Dichloroethene	3.135	96	173773	48.31	ug/l	98
22) Diisopropyl ether	3.818	45	503497	47.77	ug/l	99
23) Vinyl Acetate	3.782	43	2080310	239.88	ug/l	99
24) 1,1-Dichloroethane	3.666	63	311081	48.82	ug/l	99
25) 2-Butanone	4.629	43	605276	249.21	ug/l	100
26) 2,2-Dichloropropane	4.544	77	260329	50.91	ug/l	99
27) cis-1,2-Dichloroethene	4.556	96	190201	48.22	ug/l	100
28) Bromochloromethane	4.977	49	113671	41.62	ug/l	97
29) Tetrahydrofuran	5.086	42	354177	226.41	ug/l	99
30) Chloroform	5.172	83	329114	50.25	ug/l	99
31) Cyclohexane	5.544	56	252534	45.92	ug/l	94
32) 1,1,1-Trichloroethane	5.458	97	289792	50.26	ug/l	99
36) 1,1-Dichloropropene	5.757	75	235383	52.88	ug/l	99
37) Ethyl Acetate	4.788	43	207890	49.26	ug/l	100
38) Carbon Tetrachloride	5.745	117	266959	57.03	ug/l	97
39) Methylcyclohexane	7.433	83	266806	52.59	ug/l	98
40) Benzene	6.104	78	703554	53.66	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.995	41	117000	49.53	ug/l		98
42) 1,2-Dichloroethane	6.153	62	248427	53.13	ug/l		100
43) Isopropyl Acetate	6.403	43	327790	48.72	ug/l		100
44) Trichloroethene	7.184	130	188829	54.13	ug/l		95
45) 1,2-Dichloropropane	7.482	63	182705	53.47	ug/l		99
46) Dibromomethane	7.629	93	123808	53.98	ug/l		99
47) Bromodichloromethane	7.872	83	264669	54.62	ug/l		99
48) Methyl methacrylate	7.744	41	174974	51.47	ug/l		97
49) 1,4-Dioxane	7.708	88	85005	1066.12	ug/l		98
51) 4-Methyl-2-Pentanone	8.616	43	1104062	260.01	ug/l		100
52) Toluene	8.762	92	449561	54.53	ug/l		98
53) t-1,3-Dichloropropene	9.019	75	268127	52.58	ug/l		98
54) cis-1,3-Dichloropropene	8.409	75	297371	54.08	ug/l		96
55) 1,1,2-Trichloroethane	9.189	97	186970	54.62	ug/l		99
56) Ethyl methacrylate	9.159	69	253576	46.50	ug/l		97
57) 1,3-Dichloropropane	9.348	76	306389	53.36	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.287	63	633289	267.39	ug/l		98
59) 2-Hexanone	9.470	43	860232	272.13	ug/l		100
60) Dibromochloromethane	9.561	129	216632	57.25	ug/l		99
61) 1,2-Dibromoethane	9.653	107	192999	54.48	ug/l		100
64) Tetrachloroethene	9.311	164	196023	59.68	ug/l		95
65) Chlorobenzene	10.116	112	489651	52.83	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.201	131	190116	55.26	ug/l		99
67) Ethyl Benzene	10.232	91	862690	53.68	ug/l		99
68) m/p-Xylenes	10.341	106	659380	110.03	ug/l		98
69) o-Xylene	10.677	106	312306	55.41	ug/l		100
70) Styrene	10.695	104	550225	56.85	ug/l		99
71) Bromoform	10.835	173	155143	56.17	ug/l	#	98
73) Isopropylbenzene	11.000	105	863306	52.82	ug/l		100
74) N-amyl acetate	10.878	43	281606	41.30	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.250	83	265047	48.13	ug/l		99
76) 1,2,3-Trichloropropane	11.280	75	262946m	50.13	ug/l		
77) Bromobenzene	11.238	156	216034	52.22	ug/l		97
78) n-propylbenzene	11.341	91	991008	52.52	ug/l		100
79) 2-Chlorotoluene	11.402	91	603791	52.39	ug/l		100
80) 1,3,5-Trimethylbenzene	11.488	105	759758	54.38	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.055	75	92287	49.31	ug/l		98
82) 4-Chlorotoluene	11.494	91	708052	51.90	ug/l		99
83) tert-Butylbenzene	11.756	119	693359	51.40	ug/l		96
84) 1,2,4-Trimethylbenzene	11.786	105	768792	54.56	ug/l		99
85) sec-Butylbenzene	11.927	105	830416	53.26	ug/l		100
86) p-Isopropyltoluene	12.049	119	793279	54.82	ug/l		100
87) 1,3-Dichlorobenzene	12.006	146	397209	52.69	ug/l		99
88) 1,4-Dichlorobenzene	12.079	146	392053	50.08	ug/l		98
89) n-Butylbenzene	12.372	91	674972	52.07	ug/l		98
90) Hexachloroethane	12.579	117	136818	52.51	ug/l		98
91) 1,2-Dichlorobenzene	12.372	146	375631	51.71	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.981	75	57579	47.17	ug/l		95
93) 1,2,4-Trichlorobenzene	13.627	180	239902	50.93	ug/l		96
94) Hexachlorobutadiene	13.762	225	108071	48.68	ug/l		98
95) Naphthalene	13.816	128	791050	45.85	ug/l		100
96) 1,2,3-Trichlorobenzene	13.999	180	238213	51.93	ug/l		94

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

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