Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
Data File : VU045511.D
Acq On : 02 Nov 2021 13:33
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 02 14:02:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 29 11:09:42 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 11/03/2021
Supervised By :Semsettin Yesilyurt 11/09/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.378	168	198641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	358576	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	338092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	166489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	153466	47.455	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.900%			
35) Dibromofluoromethane	5.295	113	115016	50.446	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.900%			
50) Toluene-d8	7.902	98	454203	50.802	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.600%			
62) 4-Bromofluorobenzene	10.635	95	176159	51.706	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	135877	46.721	ug/l	100
3) Chloromethane	1.520	50	168116	42.532	ug/l	100
4) Vinyl Chloride	1.607	62	158873	48.417	ug/l	100
5) Bromomethane	1.861	94	86655	43.501	ug/l	99
6) Chloroethane	1.935	64	65003	32.880	ug/l	98
7) Trichlorofluoromethane	2.141	101	145513	39.608	ug/l	99
8) Diethyl Ether	2.378	74	65887	38.681	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.584	101	113487	51.416	ug/l	100
10) Methyl Iodide	2.726	142	92680	44.728	ug/l	99
11) Tert butyl alcohol	3.227	59	180798	259.003	ug/l	98
12) 1,1-Dichloroethene	2.584	96	112990	49.788	ug/l	97
13) Acrolein	2.494	56	27197	174.078	ug/l	100
14) Allyl chloride	2.928	41	211973	50.866	ug/l	99
15) Acrylonitrile	3.324	53	418277	247.146	ug/l	99
16) Acetone	2.645	43	432968	294.905	ug/l	99
17) Carbon Disulfide	2.800	76	330078	49.978	ug/l	100
18) Methyl Acetate	2.954	43	266956	48.828	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	417691	50.023	ug/l	100
20) Methylene Chloride	3.050	84	135680	46.378	ug/l	99
21) trans-1,2-Dichloroethene	3.359	96	121585	49.716	ug/l	99
22) Diisopropyl ether	3.996	45	411871	50.542	ug/l	97
23) Vinyl Acetate	3.960	43	1614700	255.442	ug/l	100
24) 1,1-Dichloroethane	3.877	63	236778	49.584	ug/l	99
25) 2-Butanone	4.713	43	587900	265.252	ug/l	100
26) 2,2-Dichloropropane	4.671	77	194976	52.704	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	140423	49.898	ug/l	98
28) Bromochloromethane	4.980	49	113637	48.244	ug/l	100
29) Tetrahydrofuran	5.057	42	348981	242.793	ug/l	99
30) Chloroform	5.095	83	229483	49.562	ug/l	98
31) Cyclohexane	5.394	56	230005	47.771	ug/l	100
32) 1,1,1-Trichloroethane	5.320	97	190740	50.194	ug/l	99
36) 1,1-Dichloropropene	5.529	75	174432	51.103	ug/l	99
37) Ethyl Acetate	4.806	43	204413	49.449	ug/l	100
38) Carbon Tetrachloride	5.529	117	152866	51.350	ug/l	98
39) Methylcyclohexane	6.767	83	223211	52.586	ug/l	98
40) Benzene	5.780	78	523193	50.920	ug/l	99

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41) Methacrylonitrile	4.976	41	112183	51.278	ug/l		99
42) 1,2-Dichloroethane	5.800	62	184930	49.005	ug/l		99
43) Isopropyl Acetate	5.915	43	317324	50.936	ug/l		99
44) Trichloroethene	6.546	130	124705	52.365	ug/l		99
45) 1,2-Dichloropropane	6.796	63	137675	50.914	ug/l		99
46) Dibromomethane	6.922	93	90447	51.370	ug/l		99
47) Bromodichloromethane	7.111	83	179133	51.696	ug/l		100
48) Methyl methacrylate	6.964	41	149068	50.483	ug/l		99
49) 1,4-Dioxane	7.018	88	89284	1189.749	ug/l	#	97
51) 4-Methyl-2-Pentanone	7.796	43	1015984	252.320	ug/l		99
52) Toluene	7.973	92	324099	51.889	ug/l		100
53) t-1,3-Dichloropropene	8.214	75	210928	53.407	ug/l		99
54) cis-1,3-Dichloropropene	7.610	75	225008	53.199	ug/l		98
55) 1,1,2-Trichloroethane	8.404	97	128755	50.466	ug/l		99
56) Ethyl methacrylate	8.336	69	218197	46.846	ug/l		99
57) 1,3-Dichloropropane	8.581	76	228034	50.352	ug/l		100
58) 2-Chloroethyl Vinyl ether	7.468	63	578553	247.397	ug/l		99
59) 2-Hexanone	8.687	43	816290	261.653	ug/l		100
60) Dibromochloromethane	8.816	129	126493	51.661	ug/l		99
61) 1,2-Dibromoethane	8.928	107	136194	50.964	ug/l		100
64) Tetrachloroethene	8.558	164	101287	52.410	ug/l		99
65) Chlorobenzene	9.452	112	326092	50.871	ug/l		99
66) 1,1,1,2-Tetrachloroethane	9.539	131	111144	51.391	ug/l		99
67) Ethyl Benzene	9.574	91	616829	52.530	ug/l		100
68) m/p-Xylenes	9.697	106	473601	106.849	ug/l		100
69) o-Xylene	10.105	106	229664	53.138	ug/l		100
70) Styrene	10.118	104	394083	49.326	ug/l		99
71) Bromoform	10.295	173	92038	47.168	ug/l	#	100
73) Isopropylbenzene	10.487	105	595162	53.016	ug/l		100
74) N-amyl acetate	10.323	43	272751	46.915	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.787	83	224663	50.423	ug/l		100
76) 1,2,3-Trichloropropane	10.828	75	209934m	47.326	ug/l		
77) Bromobenzene	10.787	156	138020	52.693	ug/l		99
78) n-propylbenzene	10.909	91	742684	54.568	ug/l		100
79) 2-Chlorotoluene	10.989	91	433325	52.895	ug/l		99
80) 1,3,5-Trimethylbenzene	11.092	105	516870	54.717	ug/l		100
81) trans-1,4-Dichloro-2-b...	10.549	75	75972	47.962	ug/l		98
82) 4-Chlorotoluene	11.098	91	505209	54.231	ug/l		100
83) tert-Butylbenzene	11.423	119	490252	53.766	ug/l		98
84) 1,2,4-Trimethylbenzene	11.471	105	512897	54.189	ug/l		99
85) sec-Butylbenzene	11.648	105	653621	54.625	ug/l		100
86) p-Isopropyltoluene	11.796	119	542945	51.215	ug/l		100
87) 1,3-Dichlorobenzene	11.748	146	271564	52.522	ug/l		99
88) 1,4-Dichlorobenzene	11.841	146	272970	51.627	ug/l		99
89) n-Butylbenzene	12.211	91	533237	51.369	ug/l		100
90) Hexachloroethane	12.481	117	87240	51.080	ug/l		98
91) 1,2-Dichlorobenzene	12.217	146	267180	51.665	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	54675	51.090	ug/l		98
93) 1,2,4-Trichlorobenzene	13.844	180	189506	54.721	ug/l		100
94) Hexachlorobutadiene	14.024	225	68948	54.679	ug/l		100
95) Naphthalene	14.089	128	694831	50.746	ug/l		100
96) 1,2,3-Trichlorobenzene	14.333	180	189972	54.421	ug/l		99

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

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