Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
Data File : VU045908.D
Acq On : 22 Nov 2021 13:01
Operator : SY/MD
Sample : VU1122WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 23 05:13:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU1122WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.378	168	94694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	164842	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	164730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	88439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	74269	52.370	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.740%			
35) Dibromofluoromethane	5.295	113	56851	51.656	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.320%			
50) Toluene-d8	7.902	98	214200	52.341	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.680%			
62) 4-Bromofluorobenzene	10.635	95	81084	49.410	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	24172	19.688	ug/l	100
3) Chloromethane	1.520	50	25178	17.923	ug/l	98
4) Vinyl Chloride	1.607	62	26152	19.111	ug/l	99
5) Bromomethane	1.861	94	17524	22.959	ug/l	98
6) Chloroethane	1.938	64	16114	18.044	ug/l	99
7) Trichlorofluoromethane	2.144	101	35303	19.509	ug/l	98
8) Diethyl Ether	2.379	74	15100	21.081	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.584	101	20829	19.713	ug/l	97
10) Methyl Iodide	2.729	142	16188	11.707	ug/l #	89
11) Tert butyl alcohol	3.256	59	27070m	96.438	ug/l	
12) 1,1-Dichloroethene	2.584	96	19966	19.165	ug/l	97
13) Acrolein	2.501	56	5179	127.321	ug/l	86
14) Allyl chloride	2.928	41	34836	18.727	ug/l	95
15) Acrylonitrile	3.327	53	82691	110.338	ug/l	98
16) Acetone	2.655	43	89444	123.899	ug/l	98
17) Carbon Disulfide	2.800	76	56646	19.412	ug/l	99
18) Methyl Acetate	2.957	43	47195	19.194	ug/l	100
19) Methyl tert-butyl Ether	3.369	73	76760	20.469	ug/l	99
20) Methylene Chloride	3.051	84	25815	20.580	ug/l	99
21) trans-1,2-Dichloroethene	3.359	96	22560	20.815	ug/l	96
22) Diisopropyl ether	3.996	45	72613	19.880	ug/l	89
23) Vinyl Acetate	3.960	43	295603	105.226	ug/l	99
24) 1,1-Dichloroethane	3.877	63	43795	20.121	ug/l	99
25) 2-Butanone	4.716	43	112395	112.254	ug/l	97
26) 2,2-Dichloropropane	4.671	77	35545	19.708	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	26116	20.515	ug/l	100
28) Bromochloromethane	4.980	49	40599	39.125	ug/l	95
29) Tetrahydrofuran	5.063	42	66663	108.846	ug/l	100
30) Chloroform	5.092	83	45041	20.924	ug/l	99
31) Cyclohexane	5.394	56	37099	17.929	ug/l	96
32) 1,1,1-Trichloroethane	5.321	97	37782	20.582	ug/l	97
36) 1,1-Dichloropropene	5.530	75	32023	19.923	ug/l	99
37) Ethyl Acetate	4.809	43	39655	21.477	ug/l	99
38) Carbon Tetrachloride	5.530	117	31230	19.272	ug/l	99
39) Methylcyclohexane	6.767	83	35146	17.824	ug/l	95
40) Benzene	5.777	78	95066	19.977	ug/l	99

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41) Methacrylonitrile	4.976	41	20693	21.208	ug/l		96
42) 1,2-Dichloroethane	5.796	62	36899	21.467	ug/l		98
43) Isopropyl Acetate	5.915	43	55967	19.818	ug/l		98
44) Trichloroethene	6.546	130	25127	22.059	ug/l		97
45) 1,2-Dichloropropane	6.793	63	26123	20.746	ug/l		97
46) Dibromomethane	6.922	93	18802	21.551	ug/l		96
47) Bromodichloromethane	7.108	83	36042	21.772	ug/l		99
48) Methyl methacrylate	6.964	41	25236	19.415	ug/l		94
49) 1,4-Dioxane	7.047	88	13589	406.521	ug/l	#	95
51) 4-Methyl-2-Pentanone	7.793	43	191749	102.929	ug/l		99
52) Toluene	7.973	92	61316	21.046	ug/l		99
53) t-1,3-Dichloropropene	8.211	75	39908	20.976	ug/l		98
54) cis-1,3-Dichloropropene	7.610	75	43224	21.390	ug/l		94
55) 1,1,2-Trichloroethane	8.404	97	26506	21.952	ug/l		97
56) Ethyl methacrylate	8.336	69	37261	18.794	ug/l		95
57) 1,3-Dichloropropane	8.578	76	45996	21.150	ug/l		100
58) 2-Chloroethyl Vinyl ether	7.465	63	149214	134.230	ug/l		98
59) 2-Hexanone	8.687	43	147893	96.021	ug/l		100
60) Dibromochloromethane	8.812	129	27109	21.561	ug/l		97
61) 1,2-Dibromoethane	8.925	107	28747	22.198	ug/l		99
64) Tetrachloroethene	8.558	164	24035	25.421	ug/l		98
65) Chlorobenzene	9.449	112	64631	19.974	ug/l		99
66) 1,1,1,2-Tetrachloroethane	9.536	131	22831	19.784	ug/l		100
67) Ethyl Benzene	9.574	91	113438	19.577	ug/l		99
68) m/p-Xylenes	9.697	106	88711	40.594	ug/l		99
69) o-Xylene	10.105	106	43459	20.455	ug/l		96
70) Styrene	10.118	104	72766	20.245	ug/l		98
71) Bromoform	10.295	173	20525	20.718	ug/l	#	99
73) Isopropylbenzene	10.488	105	111540	19.302	ug/l		99
74) N-amyl acetate	10.320	43	40147	15.401	ug/l		97
75) 1,1,2,2-Tetrachloroethane	10.783	83	44587	19.475	ug/l		99
76) 1,2,3-Trichloropropane	10.828	75	49868	18.594	ug/l		93
77) Bromobenzene	10.787	156	28180	20.086	ug/l		93
78) n-propylbenzene	10.909	91	137131	19.067	ug/l		99
79) 2-Chlorotoluene	10.989	91	83927	19.752	ug/l		98
80) 1,3,5-Trimethylbenzene	11.092	105	96463	19.106	ug/l		100
81) trans-1,4-Dichloro-2-b...	10.549	75	11672	16.396	ug/l		99
82) 4-Chlorotoluene	11.098	91	98562	19.779	ug/l		98
83) tert-Butylbenzene	11.423	119	85915	17.852	ug/l		99
84) 1,2,4-Trimethylbenzene	11.471	105	96300	19.192	ug/l		99
85) sec-Butylbenzene	11.645	105	117733	18.445	ug/l		99
86) p-Isopropyltoluene	11.796	119	97033	18.192	ug/l		99
87) 1,3-Dichlorobenzene	11.748	146	55862	19.734	ug/l		98
88) 1,4-Dichlorobenzene	11.838	146	56571	19.759	ug/l		98
89) n-Butylbenzene	12.211	91	90433	17.601	ug/l		99
90) Hexachloroethane	12.478	117	14503	15.073	ug/l		93
91) 1,2-Dichlorobenzene	12.214	146	54795	19.896	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	9331	17.273	ug/l		96
93) 1,2,4-Trichlorobenzene	13.841	180	36138	18.977	ug/l		99
94) Hexachlorobutadiene	14.024	225	14935	18.169	ug/l		97
95) Naphthalene	14.089	128	123824	17.969	ug/l		99
96) 1,2,3-Trichlorobenzene	14.330	180	37086	19.607	ug/l		98

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

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