Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050721\
Data File : VU043604.D
Acq On : 07 May 2021 12:06
Operator : SY/MD
Sample : VU0507WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 08 01:06:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
Quant Title : SW846 8260
QLast Update : Thu May 06 07:26:23 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0507WBSD01

Manual Integrations APPROVED
MMDadoda
5/10/2021 3:35:44 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.382	168	107869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	180107	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	172880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	90740	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	112046	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.62%			
35) Dibromofluoromethane	5.295	113	74602	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.88%			
50) Toluene-d8	7.906	98	269972	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.02%			
62) 4-Bromofluorobenzene	10.639	95	103339	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	29520	20.19	ug/l	99
3) Chloromethane	1.523	50	37257	20.22	ug/l	98
4) Vinyl Chloride	1.607	62	33591	19.62	ug/l	100
5) Bromomethane	1.835	94	19841	20.58	ug/l	94
6) Chloroethane	1.922	64	20726	18.87	ug/l	97
7) Trichlorofluoromethane	2.134	101	46831	20.19	ug/l	98
8) Diethyl Ether	2.379	74	17427	20.73	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.581	101	26572	20.68	ug/l	97
10) Methyl Iodide	2.726	142	29251	18.55	ug/l	99
11) Tert butyl alcohol	3.189	59	57774	98.61	ug/l	100
12) 1,1-Dichloroethene	2.581	96	25424	20.36	ug/l	95
13) Acrolein	2.488	56	31271	124.68	ug/l	97
14) Allyl chloride	2.925	41	66449	21.24	ug/l	98
15) Acrylonitrile	3.317	53	117515	110.51	ug/l	98
16) Acetone	2.629	43	136128	112.31	ug/l	100
17) Carbon Disulfide	2.797	76	77414	19.55	ug/l	100
18) Methyl Acetate	2.951	43	64420	23.25	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	93034	21.66	ug/l	97
20) Methylene Chloride	3.051	84	33961	19.91	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	28264	20.82	ug/l	98
22) Diisopropyl ether	4.002	45	117540	21.90	ug/l	90
23) Vinyl Acetate	3.961	43	598883	103.39	ug/l	100
24) 1,1-Dichloroethane	3.877	63	63428	20.44	ug/l	99
25) 2-Butanone	4.706	43	209578	112.15	ug/l	99
26) 2,2-Dichloropropane	4.671	77	51094	24.44	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	33215	21.21	ug/l	96
28) Bromochloromethane	4.980	49	33572	21.56	ug/l	99
29) Tetrahydrofuran	5.057	42	119426	112.54	ug/l	99
30) Chloroform	5.096	83	61137	20.38	ug/l	99
31) Cyclohexane	5.395	56	52681	20.21	ug/l	97
32) 1,1,1-Trichloroethane	5.324	97	51866	20.29	ug/l	98
36) 1,1-Dichloropropene	5.533	75	43008	21.03	ug/l	99
37) Ethyl Acetate	4.809	43	76336	22.04	ug/l	100
38) Carbon Tetrachloride	5.533	117	42772	20.64	ug/l	98
39) Methylcyclohexane	6.771	83	42025	21.27	ug/l	99
40) Benzene	5.780	78	128121	20.90	ug/l	100
41) Methacrylonitrile	4.980	41	40960	21.54	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 1,2-Dichloroethane	5.800	62	57742	21.45	ug/l		99
43) Isopropyl Acetate	5.919	43	112779	22.21	ug/l		99
44) Trichloroethene	6.549	130	29827	20.72	ug/l		95
45) 1,2-Dichloropropane	6.800	63	37019	20.49	ug/l		97
46) Dibromomethane	6.925	93	24600	21.61	ug/l		99
47) Bromodichloromethane	7.112	83	49305	21.39	ug/l		98
48) Methyl methacrylate	6.967	41	54641	21.41	ug/l		99
49) 1,4-Dioxane	6.970	88	18148	415.46	ug/l		95
51) 4-Methyl-2-Pentanone	7.796	43	406696	109.48	ug/l		99
52) Toluene	7.976	92	77073	21.75	ug/l		99
53) t-1,3-Dichloropropene	8.218	75	53267	21.44	ug/l		99
54) cis-1,3-Dichloropropene	7.613	75	55268	21.93	ug/l		99
55) 1,1,2-Trichloroethane	8.407	97	33369	21.61	ug/l		99
56) Ethyl methacrylate	8.340	69	53039	20.88	ug/l		99
57) 1,3-Dichloropropane	8.581	76	60895	22.17	ug/l		100
58) 2-Chloroethyl Vinyl ether	7.468	63	116396	140.22	ug/l		99
59) 2-Hexanone	8.690	43	321873	107.81	ug/l		100
60) Dibromochloromethane	8.816	129	35597	21.67	ug/l		100
61) 1,2-Dibromoethane	8.928	107	36138	21.66	ug/l		100
64) Tetrachloroethene	8.558	164	29000	21.72	ug/l		99
65) Chlorobenzene	9.455	112	79381	20.81	ug/l		99
66) 1,1,1,2-Tetrachloroethane	9.542	131	29987	20.43	ug/l		95
67) Ethyl Benzene	9.578	91	147979	20.29	ug/l		99
68) m/p-Xylenes	9.700	106	109381	40.65	ug/l		98
69) o-Xylene	10.108	106	52811	20.52	ug/l		99
70) Styrene	10.121	104	90184	20.38	ug/l		100
71) Bromoform	10.298	173	29235	21.28	ug/l	#	97
73) Isopropylbenzene	10.491	105	143116	22.00	ug/l		100
74) N-amyl acetate	10.327	43	90763	20.33	ug/l		98
75) 1,1,2,2-Tetrachloroethane	10.790	83	64172	20.92	ug/l		100
76) 1,2,3-Trichloropropane	10.832	75	64551m	22.37	ug/l		
77) Bromobenzene	10.790	156	35981	21.49	ug/l		99
78) n-propylbenzene	10.912	91	175333	22.05	ug/l		99
79) 2-Chlorotoluene	10.992	91	105896	21.48	ug/l		99
80) 1,3,5-Trimethylbenzene	11.095	105	122981	20.49	ug/l		99
81) trans-1,4-Dichloro-2-b...	10.552	75	19307	21.79	ug/l		92
82) 4-Chlorotoluene	11.102	91	124386	22.08	ug/l		100
83) tert-Butylbenzene	11.426	119	115978	21.45	ug/l		100
84) 1,2,4-Trimethylbenzene	11.475	105	125434	20.87	ug/l		100
85) sec-Butylbenzene	11.652	105	144939	20.45	ug/l		98
86) p-Isopropyltoluene	11.799	119	125646	20.67	ug/l		99
87) 1,3-Dichlorobenzene	11.751	146	66627	21.04	ug/l		99
88) 1,4-Dichlorobenzene	11.844	146	68272	20.78	ug/l		99
89) n-Butylbenzene	12.214	91	117051	20.32	ug/l		100
90) Hexachloroethane	12.484	117	18539	20.37	ug/l		100
91) 1,2-Dichlorobenzene	12.221	146	67234	20.56	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	16123	21.32	ug/l		97
93) 1,2,4-Trichlorobenzene	13.848	180	41278	19.42	ug/l		98
94) Hexachlorobutadiene	14.031	225	20525	20.28	ug/l		97
95) Naphthalene	14.095	128	141031	19.28	ug/l		99
96) 1,2,3-Trichlorobenzene	14.336	180	42683	20.13	ug/l		100

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