Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041921\
Data File : VU043187.D
Acq On : 19 Apr 2021 12:35
Operator : SY/MD
Sample : VU0419WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 20 02:53:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0419WBS01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.382	168	112172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	176040	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	167902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	91466	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	91254	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.78%			
35) Dibromofluoromethane	5.298	113	63550	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.08%			
50) Toluene-d8	7.906	98	222564	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.10%			
62) 4-Bromofluorobenzene	10.642	95	84112	44.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.74%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	19515	16.86	ug/l	98
3) Chloromethane	1.523	50	22027	17.07	ug/l	98
4) Vinyl Chloride	1.607	62	21968	17.41	ug/l	100
5) Bromomethane	1.861	94	14887	21.65	ug/l	99
6) Chloroethane	1.935	64	17321	19.87	ug/l	98
7) Trichlorofluoromethane	2.141	101	39238	18.30	ug/l	100
8) Diethyl Ether	2.382	74	13298	19.37	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.584	101	21476	19.46	ug/l	95
10) Methyl Iodide	2.729	142	20089	13.82	ug/l	99
11) Tert butyl alcohol	3.269	59	32144m	66.14	ug/l	
12) 1,1-Dichloroethene	2.584	96	19847	18.90	ug/l	95
13) Acrolein	2.494	56	19116	70.89	ug/l	99
14) Allyl chloride	2.928	41	46734	18.34	ug/l	99
15) Acrylonitrile	3.327	53	93190	89.14	ug/l	99
16) Acetone	2.646	43	98752	88.79	ug/l	99
17) Carbon Disulfide	2.800	76	52332	16.20	ug/l	99
18) Methyl Acetate	2.957	43	45671	19.38	ug/l	98
19) Methyl tert-butyl Ether	3.372	73	78200	18.85	ug/l	98
20) Methylene Chloride	3.054	84	23926	17.87	ug/l	96
21) trans-1,2-Dichloroethene	3.363	96	21570	17.58	ug/l	93
22) Diisopropyl ether	4.002	45	90934	18.65	ug/l	96
23) Vinyl Acetate	3.964	43	432651	91.71	ug/l	99
24) 1,1-Dichloroethane	3.880	63	45736	18.56	ug/l	98
25) 2-Butanone	4.723	43	145311	84.83	ug/l	100
26) 2,2-Dichloropropane	4.674	77	38967	18.02	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	25632	18.36	ug/l	98
28) Bromochloromethane	4.986	49	23859	18.98	ug/l	95
29) Tetrahydrofuran	5.067	42	93664	86.84	ug/l	97
30) Chloroform	5.099	83	49185	18.84	ug/l	92
31) Cyclohexane	5.398	56	40755	17.52	ug/l	96
32) 1,1,1-Trichloroethane	5.324	97	42899	18.59	ug/l	99
36) 1,1-Dichloropropene	5.536	75	33214	17.79	ug/l	99
37) Ethyl Acetate	4.813	43	55768	17.46	ug/l	96
38) Carbon Tetrachloride	5.533	117	35794	17.88	ug/l	98
39) Methylcyclohexane	6.771	83	34206	16.66	ug/l	100
40) Benzene	5.780	78	95328	17.86	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.983	41	28819	17.17	ug/l		98
42) 1,2-Dichloroethane	5.803	62	43453	18.36	ug/l		98
43) Isopropyl Acetate	5.922	43	81391	17.87	ug/l		97
44) Trichloroethene	6.552	130	25104	18.55	ug/l		94
45) 1,2-Dichloropropane	6.800	63	27435	18.45	ug/l		95
46) Dibromomethane	6.928	93	19067	18.13	ug/l		97
47) Bromodichloromethane	7.115	83	38591	18.59	ug/l		99
48) Methyl methacrylate	6.967	41	40430	17.68	ug/l		97
49) 1,4-Dioxane	7.015	88	14916	325.61	ug/l	#	99
51) 4-Methyl-2-Pentanone	7.803	43	287064	85.20	ug/l		99
52) Toluene	7.976	92	62108	18.77	ug/l		98
53) t-1,3-Dichloropropene	8.218	75	39961	17.34	ug/l		99
54) cis-1,3-Dichloropropene	7.616	75	41614	17.78	ug/l		92
55) 1,1,2-Trichloroethane	8.407	97	25757	18.15	ug/l		98
56) Ethyl methacrylate	8.343	69	40530	17.44	ug/l		96
57) 1,3-Dichloropropane	8.584	76	44591	18.19	ug/l		98
58) 2-Chloroethyl Vinyl ether	7.472	63	55947	63.51	ug/l		97
59) 2-Hexanone	8.697	43	229617	82.76	ug/l		99
60) Dibromochloromethane	8.819	129	29955	18.25	ug/l		100
61) 1,2-Dibromoethane	8.931	107	29148	18.21	ug/l		98
64) Tetrachloroethene	8.562	164	24414	20.04	ug/l		91
65) Chlorobenzene	9.456	112	65598	18.22	ug/l		100
66) 1,1,1,2-Tetrachloroethane	9.542	131	24938	18.12	ug/l		98
67) Ethyl Benzene	9.578	91	119034	18.32	ug/l		99
68) m/p-Xylenes	9.703	106	87136	36.24	ug/l		100
69) o-Xylene	10.108	106	42106	17.94	ug/l		100
70) Styrene	10.121	104	69328	17.55	ug/l		100
71) Bromoform	10.298	173	23853	16.82	ug/l	#	100
73) Isopropylbenzene	10.491	105	114790	18.70	ug/l		98
74) N-amyl acetate	10.330	43	65451	16.59	ug/l		99
75) 1,1,2,2-Tetrachloroethane	10.790	83	48695	18.22	ug/l		99
76) 1,2,3-Trichloropropane	10.832	75	47656m	17.83	ug/l		
77) Bromobenzene	10.790	156	31213	18.25	ug/l		99
78) n-propylbenzene	10.912	91	137271	18.68	ug/l		99
79) 2-Chlorotoluene	10.992	91	81390	18.22	ug/l		100
80) 1,3,5-Trimethylbenzene	11.095	105	99781	18.41	ug/l		99
81) trans-1,4-Dichloro-2-b...	10.555	75	13425	14.76	ug/l		90
82) 4-Chlorotoluene	11.102	91	97986	18.26	ug/l		99
83) tert-Butylbenzene	11.430	119	95924	18.01	ug/l		99
84) 1,2,4-Trimethylbenzene	11.475	105	98240	17.64	ug/l		99
85) sec-Butylbenzene	11.652	105	111007	17.78	ug/l		99
86) p-Isopropyltoluene	11.800	119	102494	17.83	ug/l		99
87) 1,3-Dichlorobenzene	11.754	146	55022	17.75	ug/l		100
88) 1,4-Dichlorobenzene	11.845	146	56535	17.48	ug/l		99
89) n-Butylbenzene	12.214	91	88785	16.49	ug/l		98
90) Hexachloroethane	12.481	117	17124	15.89	ug/l		93
91) 1,2-Dichlorobenzene	12.221	146	56421	17.81	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	13.005	75	11803	15.60	ug/l		97
93) 1,2,4-Trichlorobenzene	13.848	180	33340	16.94	ug/l		98
94) Hexachlorobutadiene	14.031	225	18489	17.28	ug/l		98
95) Naphthalene	14.095	128	96639	16.55	ug/l		99
96) 1,2,3-Trichlorobenzene	14.336	180	33462	17.46	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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