Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041921\
Data File : VU043188.D
Acq On : 19 Apr 2021 12:59
Operator : SY/MD
Sample : VU0419WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 20 02:53:47 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 :
VU0419WBSD01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.382	168	106666	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.256	114	163117	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.423	117	159817	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	84795	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.710	65	85998	47.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.92%				
35) Dibromofluoromethane	5.298	113	58170	47.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.92%				
50) Toluene-d8	7.906	98	207289	47.79	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.58%				
62) 4-Bromofluorobenzene	10.639	95	78480	45.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.38%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	18340	16.66	ug/l		100
3) Chloromethane	1.523	50	21633	17.67	ug/l		98
4) Vinyl Chloride	1.607	62	20843	17.37	ug/l		97
5) Bromomethane	1.861	94	14424	22.06	ug/l		97
6) Chloroethane	1.935	64	15928	19.22	ug/l		92
7) Trichlorofluoromethane	2.141	101	37021	18.15	ug/l		95
8) Diethyl Ether	2.382	74	12900	19.76	ug/l		98
9) 1,1,2-Trichlorotrifluo...	2.584	101	20297	19.34	ug/l		98
10) Methyl Iodide	2.729	142	19470	14.08	ug/l		97
11) Tert butyl alcohol	3.253	59	35871	77.62	ug/l	#	92
12) 1,1-Dichloroethene	2.584	96	17754	17.78	ug/l		98
13) Acrolein	2.494	56	19410	74.99	ug/l		100
14) Allyl chloride	2.928	41	43891	18.11	ug/l		98
15) Acrylonitrile	3.327	53	93946	94.50	ug/l		99
16) Acetone	2.642	43	93818	88.71	ug/l		99
17) Carbon Disulfide	2.800	76	49124	15.99	ug/l		99
18) Methyl Acetate	2.957	43	46202	20.61	ug/l		98
19) Methyl tert-butyl Ether	3.372	73	76374	19.36	ug/l		98
20) Methylene Chloride	3.051	84	23670	18.59	ug/l		98
21) trans-1,2-Dichloroethene	3.359	96	21058	18.05	ug/l		97
22) Diisopropyl ether	4.002	45	87830	18.95	ug/l		96
23) Vinyl Acetate	3.967	43	425449	94.84	ug/l		99
24) 1,1-Dichloroethane	3.877	63	43313	18.48	ug/l		98
25) 2-Butanone	4.719	43	147621	90.63	ug/l		99
26) 2,2-Dichloropropane	4.674	77	37434	18.21	ug/l		99
27) cis-1,2-Dichloroethene	4.674	96	24493	18.45	ug/l		98
28) Bromochloromethane	4.983	49	22806	19.08	ug/l		95
29) Tetrahydrofuran	5.063	42	94849	92.47	ug/l		96
30) Chloroform	5.095	83	47104	18.98	ug/l		95
31) Cyclohexane	5.395	56	37866	17.12	ug/l		96
32) 1,1,1-Trichloroethane	5.327	97	39227	17.88	ug/l		99
36) 1,1-Dichloropropene	5.536	75	30929	17.87	ug/l		98
37) Ethyl Acetate	4.813	43	55437	18.73	ug/l		98
38) Carbon Tetrachloride	5.533	117	33793	18.21	ug/l		98
39) Methylcyclohexane	6.771	83	32588	17.13	ug/l		99
40) Benzene	5.784	78	92986	18.80	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.983	41	29561	19.00	ug/l		96
42) 1,2-Dichloroethane	5.803	62	42885	19.55	ug/l		99
43) Isopropyl Acetate	5.922	43	82405	19.53	ug/l		97
44) Trichloroethene	6.549	130	24414	19.47	ug/l		95
45) 1,2-Dichloropropane	6.800	63	26430	19.19	ug/l		95
46) Dibromomethane	6.925	93	18557	19.05	ug/l		97
47) Bromodichloromethane	7.111	83	36538	19.00	ug/l		99
48) Methyl methacrylate	6.967	41	39367	18.58	ug/l		98
49) 1,4-Dioxane	7.009	88	15634	368.32	ug/l	#	63
51) 4-Methyl-2-Pentanone	7.803	43	286236	91.68	ug/l		99
52) Toluene	7.976	92	58099	18.95	ug/l		98
53) t-1,3-Dichloropropene	8.218	75	38718	18.13	ug/l		96
54) cis-1,3-Dichloropropene	7.616	75	40736	18.79	ug/l		94
55) 1,1,2-Trichloroethane	8.407	97	24945	18.97	ug/l		98
56) Ethyl methacrylate	8.340	69	38643	17.94	ug/l		95
57) 1,3-Dichloropropane	8.584	76	43310	19.07	ug/l		100
58) 2-Chloroethyl Vinyl ether	7.472	63	55481	67.46	ug/l		100
59) 2-Hexanone	8.697	43	227953	88.67	ug/l		99
60) Dibromochloromethane	8.816	129	28727	18.89	ug/l		99
61) 1,2-Dibromoethane	8.931	107	27777	18.73	ug/l		99
64) Tetrachloroethene	8.558	164	23035	19.87	ug/l		95
65) Chlorobenzene	9.452	112	62189	18.15	ug/l		98
66) 1,1,1,2-Tetrachloroethane	9.542	131	24746	18.89	ug/l		97
67) Ethyl Benzene	9.578	91	111232	17.98	ug/l		99
68) m/p-Xylenes	9.700	106	82849	36.20	ug/l		99
69) o-Xylene	10.108	106	40047	17.93	ug/l		98
70) Styrene	10.121	104	66408	17.66	ug/l		100
71) Bromoform	10.298	173	22080	16.36	ug/l	#	99
73) Isopropylbenzene	10.491	105	109959	19.32	ug/l		98
74) N-amyl acetate	10.327	43	65497	17.91	ug/l		97
75) 1,1,2,2-Tetrachloroethane	10.790	83	47033	18.98	ug/l		99
76) 1,2,3-Trichloropropane	10.832	75	48295m	19.49	ug/l		
77) Bromobenzene	10.790	156	29413	18.55	ug/l		99
78) n-propylbenzene	10.912	91	129949	19.07	ug/l		98
79) 2-Chlorotoluene	10.992	91	77934	18.82	ug/l		99
80) 1,3,5-Trimethylbenzene	11.095	105	93045	18.52	ug/l		98
81) trans-1,4-Dichloro-2-b...	10.555	75	13489	16.00	ug/l		96
82) 4-Chlorotoluene	11.102	91	92671	18.63	ug/l		98
83) tert-Butylbenzene	11.426	119	89803	18.18	ug/l		98
84) 1,2,4-Trimethylbenzene	11.475	105	95093	18.42	ug/l		98
85) sec-Butylbenzene	11.652	105	105389	18.21	ug/l		99
86) p-Isopropyltoluene	11.799	119	93934	17.63	ug/l		99
87) 1,3-Dichlorobenzene	11.751	146	52548	18.28	ug/l		100
88) 1,4-Dichlorobenzene	11.844	146	52500	17.51	ug/l		99
89) n-Butylbenzene	12.214	91	84409	16.91	ug/l		98
90) Hexachloroethane	12.481	117	15681	15.70	ug/l		96
91) 1,2-Dichlorobenzene	12.221	146	53516	18.22	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	13.002	75	11910	16.98	ug/l		94
93) 1,2,4-Trichlorobenzene	13.848	180	33154	18.07	ug/l		99
94) Hexachlorobutadiene	14.028	225	17609	17.77	ug/l		96
95) Naphthalene	14.095	128	101563	18.39	ug/l		99
96) 1,2,3-Trichlorobenzene	14.339	180	32728	18.34	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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