Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042921\
Data File : VU043406.D
Acq On : 28 Apr 2021 23:47
Operator : SY/MD
Sample : VU0429WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0429WBSD01

Manual Integrations APPROVED
MMDadoda
4/29/2021 10:53:04 AM

Quant Time: Apr 29 09:46:11 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.382	168	86460	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.256	114	138108	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.423	117	129958	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	71133	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.710	65	77290	53.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.36%				
35) Dibromofluoromethane	5.295	113	53721	51.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.54%				
50) Toluene-d8	7.906	98	179752	48.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.90%				
62) 4-Bromofluorobenzene	10.639	95	66582	45.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.56%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.385	85	17094	19.16	ug/l		98
3) Chloromethane	1.523	50	21254	21.67	ug/l		100
4) Vinyl Chloride	1.607	62	19247	19.79	ug/l		98
5) Bromomethane	1.842	94	12611	23.79	ug/l		90
6) Chloroethane	1.928	64	12570	18.71	ug/l		99
7) Trichlorofluoromethane	2.137	101	29963	18.13	ug/l		98
8) Diethyl Ether	2.379	74	10457	19.76	ug/l		91
9) 1,1,2-Trichlorotrifluo...	2.584	101	17176	20.19	ug/l		97
10) Methyl Iodide	2.726	142	20300	18.11	ug/l		98
11) Tert butyl alcohol	3.182	59	35812	95.60	ug/l	#	76
12) 1,1-Dichloroethene	2.581	96	16916	20.90	ug/l		96
13) Acrolein	2.488	56	21467	98.52	ug/l		98
14) Allyl chloride	2.925	41	39760	20.24	ug/l		97
15) Acrylonitrile	3.317	53	79739	98.96	ug/l		99
16) Acetone	2.629	43	81972	95.64	ug/l		99
17) Carbon Disulfide	2.797	76	44154	17.74	ug/l		100
18) Methyl Acetate	2.951	43	41929	23.08	ug/l		96
19) Methyl tert-butyl Ether	3.369	73	66152	20.69	ug/l		98
20) Methylene Chloride	3.051	84	21334	20.67	ug/l		95
21) trans-1,2-Dichloroethene	3.359	96	17967	19.00	ug/l		95
22) Diisopropyl ether	3.999	45	79373	21.13	ug/l		94
23) Vinyl Acetate	3.961	43	361971	99.55	ug/l		99
24) 1,1-Dichloroethane	3.877	63	39742	20.92	ug/l		99
25) 2-Butanone	4.706	43	125234	94.85	ug/l		100
26) 2,2-Dichloropropane	4.671	77	25801	15.48	ug/l		100
27) cis-1,2-Dichloroethene	4.674	96	21315	19.81	ug/l		96
28) Bromochloromethane	4.980	49	20265	20.92	ug/l		93
29) Tetrahydrofuran	5.057	42	80752	97.13	ug/l		95
30) Chloroform	5.096	83	41282	20.52	ug/l		95
31) Cyclohexane	5.395	56	33068	18.44	ug/l		95
32) 1,1,1-Trichloroethane	5.324	97	35592	20.01	ug/l		97
36) 1,1-Dichloropropene	5.533	75	26720	18.24	ug/l		98
37) Ethyl Acetate	4.809	43	45224	18.05	ug/l		98
38) Carbon Tetrachloride	5.530	117	29515	18.79	ug/l		97
39) Methylcyclohexane	6.771	83	26084	16.19	ug/l		90
40) Benzene	5.780	78	82702	19.75	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.980	41	25029	19.00	ug/l		97
42) 1,2-Dichloroethane	5.800	62	37900	20.41	ug/l		100
43) Isopropyl Acetate	5.919	43	67166	18.80	ug/l		98
44) Trichloroethene	6.549	130	21500	20.25	ug/l		100
45) 1,2-Dichloropropane	6.796	63	23855	20.45	ug/l		96
46) Dibromomethane	6.925	93	16269	19.72	ug/l		95
47) Bromodichloromethane	7.112	83	32418	19.91	ug/l		99
48) Methyl methacrylate	6.967	41	34923	19.47	ug/l		94
49) 1,4-Dioxane	6.970	88	13421	373.44	ug/l	#	99
51) 4-Methyl-2-Pentanone	7.796	43	239150	90.47	ug/l		98
52) Toluene	7.976	92	49829	19.20	ug/l		99
53) t-1,3-Dichloropropene	8.218	75	31764	17.57	ug/l		97
54) cis-1,3-Dichloropropene	7.613	75	33647	18.33	ug/l		91
55) 1,1,2-Trichloroethane	8.407	97	22265	20.00	ug/l		99
56) Ethyl methacrylate	8.340	69	30887	16.94	ug/l		92
57) 1,3-Dichloropropane	8.581	76	38181	19.85	ug/l		100
58) 2-Chloroethyl Vinyl ether	7.468	63	49703	70.95	ug/l		97
59) 2-Hexanone	8.690	43	188982	86.82	ug/l		97
60) Dibromochloromethane	8.816	129	24442	18.98	ug/l		96
61) 1,2-Dibromoethane	8.928	107	23657	18.84	ug/l		98
64) Tetrachloroethene	8.558	164	20588	21.83	ug/l		96
65) Chlorobenzene	9.452	112	51880	18.62	ug/l		98
66) 1,1,1,2-Tetrachloroethane	9.542	131	20971	19.68	ug/l		99
67) Ethyl Benzene	9.574	91	93832	18.66	ug/l		99
68) m/p-Xylenes	9.700	106	68458	36.79	ug/l		100
69) o-Xylene	10.105	106	32217	17.74	ug/l		93
70) Styrene	10.121	104	56269	18.40	ug/l		98
71) Bromoform	10.298	173	19069	17.37	ug/l	#	97
73) Isopropylbenzene	10.491	105	91082	19.08	ug/l		99
74) N-amyl acetate	10.327	43	51326	16.73	ug/l		96
75) 1,1,2,2-Tetrachloroethane	10.790	83	40006	19.24	ug/l		99
76) 1,2,3-Trichloropropane	10.828	75	37532m	18.06	ug/l		
77) Bromobenzene	10.790	156	24573	18.48	ug/l		98
78) n-propylbenzene	10.912	91	105153	18.40	ug/l		98
79) 2-Chlorotoluene	10.992	91	66004	19.00	ug/l		99
80) 1,3,5-Trimethylbenzene	11.095	105	77394	18.36	ug/l		98
81) trans-1,4-Dichloro-2-b...	10.552	75	9885	13.97	ug/l		89
82) 4-Chlorotoluene	11.102	91	77357	18.54	ug/l		98
83) tert-Butylbenzene	11.426	119	72643	17.53	ug/l		100
84) 1,2,4-Trimethylbenzene	11.475	105	77900	17.99	ug/l		97
85) sec-Butylbenzene	11.648	105	86133	17.74	ug/l		99
86) p-Isopropyltoluene	11.799	119	75785	16.95	ug/l		98
87) 1,3-Dichlorobenzene	11.751	146	43206	17.92	ug/l		99
88) 1,4-Dichlorobenzene	11.841	146	44174	17.56	ug/l		98
89) n-Butylbenzene	12.214	91	66275	15.83	ug/l		97
90) Hexachloroethane	12.481	117	12292	14.67	ug/l		94
91) 1,2-Dichlorobenzene	12.217	146	45086	18.30	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	13.002	75	9646	16.39	ug/l		91
93) 1,2,4-Trichlorobenzene	13.848	180	27851	18.09	ug/l		95
94) Hexachlorobutadiene	14.028	225	13718	16.46	ug/l		99
95) Naphthalene	14.095	128	92830	19.79	ug/l		100
96) 1,2,3-Trichlorobenzene	14.336	180	30237	20.05	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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