Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060721\
Data File : VU044055.D
Acq On : 07 Jun 2021 14:19
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
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6/8/2021 6:50:12 PM

Quant Time: Jun 08 04:56:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 08 04:55:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.382	168	217219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	387371	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	376054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	196624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	77494	17.477	ug/l	0.00
Spiked Amount 50.000			Recovery =	34.960%		
35) Dibromofluoromethane	5.298	113	56151	17.697	ug/l	0.00
Spiked Amount 50.000			Recovery =	35.400%		
50) Toluene-d8	7.906	98	214767	19.844	ug/l	0.00
Spiked Amount 50.000			Recovery =	39.680%		
62) 4-Bromofluorobenzene	10.639	95	76677	18.069	ug/l	0.00
Spiked Amount 50.000			Recovery =	36.140%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	66578	23.452	ug/l	97
3) Chloromethane	1.523	50	86346	20.672	ug/l	100
4) Vinyl Chloride	1.610	62	79446	22.348	ug/l	99
5) Bromomethane	1.845	94	45316	23.554	ug/l	99
6) Chloroethane	1.932	64	48356	21.337	ug/l	97
7) Trichlorofluoromethane	2.141	101	92532	19.914	ug/l	97
8) Diethyl Ether	2.385	74	38085	22.000	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.584	101	54827	21.032	ug/l	99
10) Methyl Iodide	2.729	142	66064	20.579	ug/l	99
11) Tert butyl alcohol	3.192	59	89197	77.199	ug/l	98
12) 1,1-Dichloroethene	2.584	96	53512	21.144	ug/l	99
13) Acrolein	2.491	56	70982	117.746	ug/l	99
14) Allyl chloride	2.932	41	107141	17.421	ug/l	99
15) Acrylonitrile	3.321	53	211932	99.009	ug/l	100
16) Acetone	2.633	43	219655	92.072	ug/l	99
17) Carbon Disulfide	2.800	76	174866	21.481	ug/l	99
18) Methyl Acetate	2.954	43	97254	17.762	ug/l	99
19) Methyl tert-butyl Ether	3.372	73	163391	19.104	ug/l	100
20) Methylene Chloride	3.054	84	69949	20.117	ug/l	99
21) trans-1,2-Dichloroethene	3.362	96	60362	21.886	ug/l	96
22) Diisopropyl ether	4.002	45	194364	18.462	ug/l	96
23) Vinyl Acetate	3.964	43	897539	83.771	ug/l	100
24) 1,1-Dichloroethane	3.880	63	120946	19.488	ug/l	99
25) 2-Butanone	4.710	43	320560	87.409	ug/l	98
26) 2,2-Dichloropropane	4.674	77	84687	20.041	ug/l	100
27) cis-1,2-Dichloroethene	4.674	96	66903	21.155	ug/l	99
28) Bromochloromethane	4.983	49	63570	20.165	ug/l	98
29) Tetrahydrofuran	5.057	42	182471	87.743	ug/l	99
30) Chloroform	5.095	83	117746	19.695	ug/l	98
31) Cyclohexane	5.394	56	104458	19.831	ug/l	98
32) 1,1,1-Trichloroethane	5.324	97	93505	18.500	ug/l	100
36) 1,1-Dichloropropene	5.536	75	88058	20.191	ug/l	99
37) Ethyl Acetate	4.813	43	112304	15.713	ug/l	100
38) Carbon Tetrachloride	5.533	117	77285	17.760	ug/l	99
39) Methylcyclohexane	6.771	83	86946	20.261	ug/l	98
40) Benzene	5.784	78	268429	20.444	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.980	41	59519	16.276	ug/l		99
42) 1,2-Dichloroethane	5.803	62	96590	17.293	ug/l		100
43) Isopropyl Acetate	5.919	43	151644	14.591	ug/l		99
44) Trichloroethene	6.549	130	56791	18.703	ug/l		96
45) 1,2-Dichloropropane	6.800	63	73053	19.070	ug/l		95
46) Dibromomethane	6.925	93	45570	19.030	ug/l		98
47) Bromodichloromethane	7.115	83	91678	18.848	ug/l		97
48) Methyl methacrylate	6.967	41	74468	14.248	ug/l		99
49) 1,4-Dioxane	6.973	88	38478	437.080	ug/l		96
51) 4-Methyl-2-Pentanone	7.796	43	575506	77.140	ug/l		99
52) Toluene	7.976	92	159143	20.931	ug/l		100
53) t-1,3-Dichloropropene	8.218	75	94968	18.730	ug/l		99
54) cis-1,3-Dichloropropene	7.613	75	104548	19.367	ug/l		98
55) 1,1,2-Trichloroethane	8.407	97	64251	19.496	ug/l		99
56) Ethyl methacrylate	8.340	69	93375	18.012	ug/l		98
57) 1,3-Dichloropropane	8.581	76	115400	19.619	ug/l		100
58) 2-Chloroethyl Vinyl ether	7.472	63	133896	85.761	ug/l		99
59) 2-Hexanone	8.690	43	451307	76.038	ug/l		98
60) Dibromochloromethane	8.816	129	63094	18.196	ug/l		98
61) 1,2-Dibromoethane	8.931	107	65871	18.650	ug/l		99
64) Tetrachloroethene	8.558	164	50338	17.871	ug/l		98
65) Chlorobenzene	9.452	112	155995	19.034	ug/l		99
66) 1,1,1,2-Tetrachloroethane	9.539	131	55485	17.831	ug/l		100
67) Ethyl Benzene	9.578	91	288495	19.528	ug/l		99
68) m/p-Xylenes	9.700	106	220739	40.663	ug/l		99
69) o-Xylene	10.108	106	102007	19.458	ug/l		100
70) Styrene	10.121	104	175291	19.781	ug/l		99
71) Bromoform	10.298	173	44937	15.923	ug/l	#	99
73) Isopropylbenzene	10.491	105	272938	19.626	ug/l		99
74) N-amyl acetate	10.327	43	119246	13.675	ug/l		98
75) 1,1,2,2-Tetrachloroethane	10.790	83	118677	18.159	ug/l		100
76) 1,2,3-Trichloropropane	10.832	75	112529m	18.018	ug/l		
77) Bromobenzene	10.790	156	64477	18.198	ug/l		100
78) n-propylbenzene	10.912	91	350202	20.487	ug/l		99
79) 2-Chlorotoluene	10.992	91	209162	19.808	ug/l		100
80) 1,3,5-Trimethylbenzene	11.095	105	246234	20.814	ug/l		100
81) trans-1,4-Dichloro-2-b...	10.552	75	35044	18.082	ug/l		93
82) 4-Chlorotoluene	11.102	91	248682	20.547	ug/l		100
83) tert-Butylbenzene	11.426	119	217275	18.789	ug/l		100
84) 1,2,4-Trimethylbenzene	11.475	105	247310	20.802	ug/l		99
85) sec-Butylbenzene	11.648	105	291751	20.478	ug/l		100
86) p-Isopropyltoluene	11.799	119	251953	20.877	ug/l		99
87) 1,3-Dichlorobenzene	11.751	146	125708	18.604	ug/l		99
88) 1,4-Dichlorobenzene	11.841	146	131082	18.754	ug/l		99
89) n-Butylbenzene	12.214	91	238901	20.298	ug/l		100
90) Hexachloroethane	12.481	117	39360	19.813	ug/l		98
91) 1,2-Dichlorobenzene	12.217	146	125864	18.152	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	25784	16.327	ug/l		97
93) 1,2,4-Trichlorobenzene	13.848	180	71488	16.049	ug/l		99
94) Hexachlorobutadiene	14.028	225	40486	18.835	ug/l		99
95) Naphthalene	14.092	128	221003	15.678	ug/l		100
96) 1,2,3-Trichlorobenzene	14.336	180	71968	16.258	ug/l		99

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

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