Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092321\
Data File : VN068618.D
Acq On : 23 Sep 2021 13:01
Operator : JC/MD
Sample : IBLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : IBLK

Quant Time: Sep 23 16:12:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 13:52:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	711430	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	1170928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	984532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	369036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	497935	44.726	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 89.460%			
35) Dibromofluoromethane	8.024	113	353348	44.990	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 89.980%			
50) Toluene-d8	10.443	98	1390201	41.863	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 83.720%			
62) 4-Bromofluorobenzene	12.734	95	451143	39.722	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 79.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	1991	0.262	ug/l	88
3) Chloromethane	2.303	50	4410	0.352	ug/l	99
5) Bromomethane	2.875	94	3216	Below Cal		91
9) 1,1,2-Trichlorotrifluo...	4.208	101	1589	0.210	ug/l #	79
10) Methyl Iodide	4.436	142	6494	0.713	ug/l #	37
11) Tert butyl alcohol	5.385	59	371	0.217	ug/l #	71
13) Acrolein	4.039	56	628	7.963	ug/l #	56
15) Acrylonitrile	5.554	53	2098	0.455	ug/l #	91
16) Acetone	4.299	43	10143	Below Cal		96
17) Carbon Disulfide	4.535	76	18301	0.858	ug/l	97
18) Methyl Acetate	4.865	43	4708	0.288	ug/l #	83
20) Methylene Chloride	5.098	84	4948	Below Cal #		88
21) trans-1,2-Dichloroethene	5.594	96	2773	0.354	ug/l #	79
25) 2-Butanone	7.345	43	9370	1.384	ug/l #	81
29) Tetrahydrofuran	7.702	42	4178	0.971	ug/l #	58
31) Cyclohexane	8.086	56	19878	1.276	ug/l #	17
36) 1,1-Dichloropropene	8.217	75	3775	0.319	ug/l #	78
37) Ethyl Acetate	7.345	43	9370	0.698	ug/l #	69
38) Carbon Tetrachloride	8.088	117	75841	6.209	ug/l #	17
39) Methylcyclohexane	9.462	83	3413	0.246	ug/l	93
41) Methacrylonitrile	7.646	41	1525	0.215	ug/l #	66
42) 1,2-Dichloroethane	8.536	62	3000	0.222	ug/l	90
44) Trichloroethene	9.223	130	3222	0.385	ug/l	72
48) Methyl methacrylate	9.566	41	2359	0.225	ug/l	96
49) 1,4-Dioxane	9.574	88	1014	6.627	ug/l #	85
51) 4-Methyl-2-Pentanone	10.333	43	17925	1.291	ug/l	93
52) Toluene	10.508	92	4530	0.206	ug/l	94
53) t-1,3-Dichloropropene	10.722	75	3389	0.245	ug/l #	81
56) Ethyl methacrylate	10.765	69	3712	0.946	ug/l #	86
58) 2-Chloroethyl Vinyl ether	10.041	63	633	12.167	ug/l #	81
59) 2-Hexanone	11.090	43	35251	3.529	ug/l	91
64) Tetrachloroethene	10.980	164	2667	0.413	ug/l	92
65) Chlorobenzene	11.773	112	7711	0.371	ug/l	98
67) Ethyl Benzene	11.849	91	11349	0.299	ug/l	92
68) m/p-Xylenes	11.953	106	9446	0.679	ug/l	91
69) o-Xylene	12.280	106	3129	0.229	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) Styrene	12.296	104	9643	0.439	ug/l	#	90
71) Bromoform	12.465	173	1454	0.254	ug/l	#	29
73) Isopropylbenzene	12.581	105	9367	0.283	ug/l		98
74) N-amyl acetate	12.396	43	16857	1.194	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.827	83	4809	0.464	ug/l		96
76) 1,2,3-Trichloropropane	12.881	75	7641	0.837	ug/l	#	100
77) Bromobenzene	12.862	156	5098	0.672	ug/l		81
78) n-propylbenzene	12.921	91	21889	0.583	ug/l		98
79) 2-Chlorotoluene	13.010	91	11659	0.514	ug/l		97
80) 1,3,5-Trimethylbenzene	13.061	105	10383	0.400	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.734	75	247077	76.488	ug/l	#	6
82) 4-Chlorotoluene	13.109	91	18452	0.836	ug/l		92
83) tert-Butylbenzene	13.326	119	6045	0.256	ug/l		89
84) 1,2,4-Trimethylbenzene	13.369	105	12699	0.501	ug/l		92
85) sec-Butylbenzene	13.506	105	13719	0.427	ug/l		94
86) p-Isopropyltoluene	13.619	119	14151	0.550	ug/l		93
87) 1,3-Dichlorobenzene	13.619	146	13964	1.085	ug/l		95
88) 1,4-Dichlorobenzene	13.699	146	17874	1.367	ug/l		85
89) n-Butylbenzene	13.943	91	24227	1.086	ug/l		98
91) 1,2-Dichlorobenzene	13.989	146	13747	1.101	ug/l		92
92) 1,2-Dibromo-3-Chloropr...	14.603	75	4214	2.193	ug/l		92
93) 1,2,4-Trichlorobenzene	15.268	180	25763	4.160	ug/l		98
94) Hexachlorobutadiene	15.373	225	3203	0.962	ug/l		96
95) Naphthalene	15.509	128	147558	9.635	ug/l		99
96) 1,2,3-Trichlorobenzene	15.705	180	33711	5.571	ug/l		99

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

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