Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040221\
Data File : BM029314.D
Acq On : 02 Apr 2021 10:21
Operator : CG/JU
Sample : M1458-08
Misc : LOQ-WATER-5PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT1-2021

Quant Time: Apr 02 10:55:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:54:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.698	152	123945	20.00	ng		0.00
21) Naphthalene-d8	10.480	136	476904	20.00	ng		0.00
39) Acenaphthene-d10	14.333	164	294240	20.00	ng		0.00
64) Phenanthrene-d10	17.074	188	567101	20.00	ng		0.00
76) Chrysene-d12	21.244	240	479537	20.00	ng		0.00
86) Perylene-d12	23.456	264	479818	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	725577	96.66	ng		0.00
7) Phenol-d6	6.875	99	1048879	98.97	ng		0.00
23) Nitrobenzene-d5	8.851	82	865699	83.22	ng		0.00
42) 2,4,6-Tribromophenol	15.821	330	306371	104.17	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	1825781	86.45	ng		0.00
79) Terphenyl-d14	19.703	244	2450481	97.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	16886	5.18	ng		96
3) Pyridine	3.646	79	40218	4.88	ng		95
4) n-Nitrosodimethylamine	3.557	42	20566	5.23	ng	#	94
6) Aniline	7.034	93	71701	6.20	ng		99
8) 2-Chlorophenol	7.269	128	45224	5.44	ng		95
9) Benzaldehyde	6.851	77	45437	6.81	ng		96
10) Phenol	6.898	94	58165	5.58	ng		96
11) bis(2-Chloroethyl)ether	7.134	93	43646	5.53	ng		99
12) 1,3-Dichlorobenzene	7.592	146	50094	5.54	ng		99
13) 1,4-Dichlorobenzene	7.734	146	52438	5.70	ng		99
14) 1,2-Dichlorobenzene	8.051	146	50092	5.66	ng		97
15) Benzyl Alcohol	7.939	79	42193	5.40	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.222	45	71562	6.05	ng		98
17) 2-Methylphenol	8.139	107	37683	5.55	ng		97
18) Hexachloroethane	8.775	117	19550	5.43	ng		96
19) n-Nitroso-di-n-propyla...	8.504	70	39431	5.50	ng	#	96
20) 3+4-Methylphenols	8.463	107	50303	5.46	ng		98
22) Acetophenone	8.522	105	68658	5.57	ng	#	99
24) Nitrobenzene	8.892	77	63761	5.97	ng		97
25) Isophorone	9.422	82	101382	5.45	ng		99
26) 2-Nitrophenol	9.598	139	20397	4.78	ng		95
27) 2,4-Dimethylphenol	9.663	122	38219	5.71	ng		96
28) bis(2-Chloroethoxy)met...	9.904	93	61548	6.40	ng		98
29) 2,4-Dichlorophenol	10.133	162	38481	5.19	ng		98
30) 1,2,4-Trichlorobenzene	10.345	180	44763	5.59	ng		99
31) Naphthalene	10.533	128	142937	5.69	ng		99
32) Benzoic acid	9.733	122	13178	2.60	ng		97
33) 4-Chloroaniline	10.639	127	57943	5.72	ng		97
34) Hexachlorobutadiene	10.816	225	25653	5.44	ng		90
35) Caprolactam	11.416	113	11129	4.77	ng		93
36) 4-Chloro-3-methylphenol	11.769	107	43881	5.50	ng		94
37) 2-Methylnaphthalene	12.145	142	99981	5.64	ng		98
38) 1-Methylnaphthalene	12.369	142	95289	5.69	ng		99
40) 1,2,4,5-Tetrachloroben...	12.521	216	45979	5.57	ng		98
41) Hexachlorocyclopentadiene	12.498	237	25581	5.34	ng		94
43) 2,4,6-Trichlorophenol	12.763	196	28752	4.91	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.827	196	31883	5.05	ng		98
46) 1,1'-Biphenyl	13.169	154	133129	5.84	ng		98
47) 2-Chloronaphthalene	13.204	162	99739	5.66	ng		99
48) 2-Nitroaniline	13.410	65	28482	4.85	ng		96
49) Acenaphthylene	14.057	152	149799	5.45	ng		100
50) Dimethylphthalate	13.792	163	120600	5.68	ng		99
51) 2,6-Dinitrotoluene	13.910	165	24242	5.13	ng		93
52) Acenaphthene	14.398	154	94929	5.59	ng		99
53) 3-Nitroaniline	14.239	138	23862	4.94	ng		99
54) 2,4-Dinitrophenol	14.439	184	9248	3.71	ng		96
55) Dibenzofuran	14.733	168	150670	5.65	ng		100
56) 4-Nitrophenol	14.545	139	18375	4.47	ng		97
57) 2,4-Dinitrotoluene	14.698	165	30012	4.79	ng		99
58) Fluorene	15.380	166	120175	5.50	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.957	232	24847	5.11	ng		96
60) Diethylphthalate	15.162	149	122433	5.64	ng		99
61) 4-Chlorophenyl-phenyle...	15.380	204	56854	5.68	ng		94
62) 4-Nitroaniline	15.398	138	22628	4.46	ng		91
63) Azobenzene	15.674	77	133831	5.36	ng		97
65) 4,6-Dinitro-2-methylph...	15.457	198	13793	3.81	ng		93
66) n-Nitrosodiphenylamine	15.592	169	101507	5.41	ng		96
67) 4-Bromophenyl-phenylether	16.274	248	30346	5.39	ng		93
68) Hexachlorobenzene	16.386	284	34730	5.61	ng		99
69) Atrazine	16.545	200	29968	4.79	ng		94
70) Pentachlorophenol	16.727	266	12461	4.31	ng		89
71) Phenanthrene	17.115	178	183679	5.60	ng		98
72) Anthracene	17.204	178	179305	5.54	ng		98
73) Carbazole	17.474	167	163185	5.16	ng		99
74) Di-n-butylphthalate	18.045	149	179594	4.95	ng		99
75) Fluoranthene	19.127	202	188542	5.16	ng		98
77) Benzidine	19.315	184	63624	4.09	ng		99
78) Pyrene	19.492	202	195587	5.87	ng		98
80) Butylbenzylphthalate	20.397	149	74552	4.97	ng		93
81) Benzo(a)anthracene	21.233	228	172404	5.39	ng		98
82) 3,3'-Dichlorobenzidine	21.168	252	59992	5.58	ng		99
83) Chrysene	21.286	228	170132	5.43	ng		98
84) Bis(2-ethylhexyl)phtha...	21.174	149	118169	5.12	ng		99
85) Di-n-octyl phthalate	22.044	149	201326	5.08	ng		97
87) Indeno(1,2,3-cd)pyrene	25.685	276	194428	5.50	ng		99
88) Benzo(b)fluoranthene	22.791	252	172905	5.49	ng		98
89) Benzo(k)fluoranthene	22.838	252	170053	5.64	ng		99
90) Benzo(a)pyrene	23.362	252	154201	5.35	ng	#	95
91) Dibenzo(a,h)anthracene	25.697	278	162485	5.35	ng		96
92) Benzo(g,h,i)perylene	26.362	276	159595	5.45	ng		100

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

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