

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
 Data File : BG056512.D
 Acq On : 2 Feb 2023 13:19
 Operator : CG/JU
 Sample : N4955-09
 Misc : MDL-MDL-WATER 4PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/03/2023
 Supervised By : Jagrut Upadhyay 02/03/2023

Quant Time: Feb 03 05:21:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	28143	20.000	ng	# 0.00
21) Naphthalene-d8	11.108	136	104278	20.000	ng	0.00
39) Acenaphthene-d10	14.898	164	86180	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	226771	20.000	ng	0.00
76) Chrysene-d12	21.919	240	223079	20.000	ng	0.00
86) Perylene-d12	25.338	264	241260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	193570	126.528	ng	0.00
7) Phenol-d6	7.418	99	275341	121.469	ng	0.00
23) Nitrobenzene-d5	9.451	82	181369	98.765	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	150110	131.019	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	627267	100.912	ng	0.00
79) Terphenyl-d14	20.209	244	1203566	94.760	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.599	88	3348	5.256	ng	# 92
3) Pyridine	4.028	79	7387	3.890	ng	97
4) n-Nitrosodimethylamine	3.928	42	1671	4.138	ng	# 75
6) Aniline	7.589	93	13146	4.430	ng	97
8) 2-Chlorophenol	7.835	128	7386	4.395	ng	98
9) Benzaldehyde	7.401	77	6917	4.892	ng	# 84
10) Phenol	7.448	94	9622	4.176	ng	97
11) bis(2-Chloroethyl)ether	7.677	93	7403	4.675	ng	92
12) 1,3-Dichlorobenzene	8.164	146	9180	4.744	ng	98
13) 1,4-Dichlorobenzene	8.311	146	9331m	4.762	ng	
14) 1,2-Dichlorobenzene	8.634	146	9062	4.766	ng	98
15) Benzyl Alcohol	8.517	79	6134	3.944	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.811	45	1549	4.617	ng	77
17) 2-Methylphenol	8.711	107	6946	3.963	ng	92
18) Hexachloroethane	9.369	117	2868	4.839	ng	95
19) n-Nitroso-di-n-propyla...	9.075	70	5843	4.473	ng	# 92
20) 3+4-Methylphenols	9.046	107	9231	3.758	ng	93
22) Acetophenone	9.104	105	14188	5.121	ng	# 96
24) Nitrobenzene	9.492	77	9171	5.178	ng	# 85
25) Isophorone	10.009	82	18087	4.774	ng	96
26) 2-Nitrophenol	10.215	139	5262	4.896	ng	96
27) 2,4-Dimethylphenol	10.256	122	7899	4.392	ng	96
28) bis(2-Chloroethoxy)met...	10.491	93	10546	5.039	ng	96
29) 2,4-Dichlorophenol	10.761	162	8703	4.299	ng	94
30) 1,2,4-Trichlorobenzene	10.967	180	11438	5.084	ng	93
31) Naphthalene	11.155	128	27496	4.996	ng	97
33) 4-Chloroaniline	11.267	127	11314	4.404	ng	# 94
34) Hexachlorobutadiene	11.437	225	8182	5.181	ng	96
35) Caprolactam	12.007	113	3031	4.439	ng	95
36) 4-Chloro-3-methylphenol	12.365	107	8552	4.374	ng	98
37) 2-Methylnaphthalene	12.741	142	22448	4.947	ng	97
38) 1-Methylnaphthalene	12.959	142	19409	4.580	ng	99
40) 1,2,4,5-Tetrachloroben...	13.106	216	15720	4.993	ng	99
41) Hexachlorocyclopentadiene	13.076	237	3172	8.121	ng	97
43) 2,4,6-Trichlorophenol	13.341	196	8830	4.352	ng	95
44) 2,4,5-Trichlorophenol	13.423	196	9620	4.050	ng	85

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46) 1,1'-Biphenyl	13.728	154	30908	4.945	ng	100
47) 2-Chloronaphthalene	13.781	162	24045	4.921	ng	92
48) 2-Nitroaniline	13.975	65	4177	4.136	ng	89
49) Acenaphthylene	14.621	152	37394	4.704	ng	96
50) Dimethylphthalate	14.328	163	33905	4.863	ng	99
51) 2,6-Dinitrotoluene	14.457	165	6784	4.462	ng	92
52) Acenaphthene	14.956	154	21865	4.638	ng	93
53) 3-Nitroaniline	14.798	138	6360	4.315	ng	96
55) Dibenzofuran	15.285	168	41791	4.943	ng	98
56) 4-Nitrophenol	15.109	139	3286	3.262	ng	# 78
57) 2,4-Dinitrotoluene	15.250	165	9618	4.491	ng	97
58) Fluorene	15.938	166	32408	4.818	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.515	232	8306	3.933	ng	# 93
60) Diethylphthalate	15.679	149	31354	4.789	ng	96
61) 4-Chlorophenyl-phenyle...	15.914	204	19867	4.840	ng	97
62) 4-Nitroaniline	15.943	138	6613	4.483	ng	# 78
63) Azobenzene	16.208	77	22331	4.957	ng	96
65) 4,6-Dinitro-2-methylph...	16.014	198	4455	2.794	ng	90
66) n-Nitrosodiphenylamine	16.131	169	29396	4.578	ng	97
67) 4-Bromophenyl-phenylether	16.807	248	13184	4.541	ng	96
68) Hexachlorobenzene	16.936	284	14654	5.154	ng	93
69) Atrazine	17.060	200	12791	5.164	ng	97
71) Phenanthrene	17.671	178	58036	4.890	ng	97
72) Anthracene	17.765	178	58269	4.783	ng	99
73) Carbazole	18.029	167	50822	4.898	ng	98
74) Di-n-butylphthalate	18.558	149	49575	4.550	ng	98
75) Fluoranthene	19.669	202	73177	4.885	ng	95
77) Benzidine	19.839	184	36259	6.006	ng	99
78) Pyrene	20.027	202	77393	4.878	ng	99
80) Butylbenzylphthalate	20.885	149	20721	4.276	ng	98
81) Benzo(a)anthracene	21.901	228	74931	4.805	ng	97
82) 3,3'-Dichlorobenzidine	21.801	252	29257	5.209	ng	96
83) Chrysene	21.972	228	69640	4.753	ng	99
84) Bis(2-ethylhexyl)phtha...	21.760	149	30185	4.345	ng	98
85) Di-n-octyl phthalate	23.029	149	52187	4.511	ng	# 99
87) Indeno(1,2,3-cd)pyrene	29.269	276	82871	4.692	ng	# 61
88) Benzo(b)fluoranthene	24.246	252	77643	5.185	ng	99
89) Benzo(k)fluoranthene	24.316	252	74109	4.902	ng	99
90) Benzo(a)pyrene	25.174	252	67467	4.574	ng	97
91) Dibenzo(a,h)anthracene	29.334	278	71765	4.841	ng	98
92) Benzo(g,h,i)perylene	30.503	276	69658	4.870	ng	# 95

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

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