

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
 Data File : BG058708.D
 Acq On : 11 Aug 2023 18:43
 Operator : MA/JU
 Sample : 03958-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NEVINS-SB02-Z106-107MS

Quant Time: Aug 11 23:01:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/12/2023
 Supervised By :mohammad ahmed 08/12/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	48512	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	214442	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	153114	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	355820	20.000	ng	0.00
76) Chrysene-d12	21.448	240	305399	20.000	ng	0.00
86) Perylene-d12	24.521	264	380178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	308354	97.152	ng	0.00
7) Phenol-d6	6.983	99	434777	98.445	ng	0.00
23) Nitrobenzene-d5	8.975	82	257043	58.885	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	208822	83.208	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	586771	57.430	ng	0.00
79) Terphenyl-d14	19.827	244	1031036	63.487	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	55738	36.241	ng	98
3) Pyridine	3.663	79	137192	32.718	ng	96
4) n-Nitrosodimethylamine	3.581	42	73882	41.585	ng	91
6) Aniline	7.136	93	138182	25.413	ng	99
8) 2-Chlorophenol	7.377	128	152775	49.066	ng	98
9) Benzaldehyde	6.948	77	76436	31.855	ng	98
10) Phenol	7.012	94	218097	50.553	ng	98
11) bis(2-Chloroethyl)ether	7.236	93	149143	43.851	ng	96
12) 1,3-Dichlorobenzene	7.700	146	143794	43.248	ng	98
13) 1,4-Dichlorobenzene	7.847	146	150435	45.062	ng	97
14) 1,2-Dichlorobenzene	8.164	146	144339	45.222	ng	99
15) Benzyl Alcohol	8.052	79	147480	52.656	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.340	45	248752	45.024	ng	99
17) 2-Methylphenol	8.264	107	148060	46.937	ng	99
18) Hexachloroethane	8.887	117	52628	43.371	ng	95
19) n-Nitroso-di-n-propyla...	8.616	70	124193	43.535	ng	98
20) 3+4-Methylphenols	8.587	107	204300	47.881	ng	97
22) Acetophenone	8.634	105	242333	42.204	ng	99
24) Nitrobenzene	9.022	77	186954	42.128	ng	98
25) Isophorone	9.539	82	368073	40.809	ng	99
26) 2-Nitrophenol	9.727	139	84089	43.530	ng	98
27) 2,4-Dimethylphenol	9.791	122	138999	43.379	ng	98
28) bis(2-Chloroethoxy)met...	10.021	93	209296	42.641	ng	99
29) 2,4-Dichlorophenol	10.267	162	153527	46.146	ng	99
30) 1,2,4-Trichlorobenzene	10.473	180	161485	42.088	ng	98
31) Naphthalene	10.661	128	469970	41.582	ng	99
32) Benzoic acid	9.962	122	82768	35.182	ng	96
33) 4-Chloroaniline	10.778	127	81280	17.021	ng	98
34) Hexachlorobutadiene	10.943	225	99473	40.258	ng	99
35) Caprolactam	11.566	113	53140m	43.253	ng	
36) 4-Chloro-3-methylphenol	11.912	107	188543	45.812	ng	98
37) 2-Methylnaphthalene	12.277	142	330827	40.920	ng	100
38) 1-Methylnaphthalene	12.494	142	316364	41.165	ng	99
40) 1,2,4,5-Tetrachloroben...	12.647	216	194320	41.338	ng	99
41) Hexachlorocyclopentadiene	12.623	237	131320	61.837	ng	98
43) 2,4,6-Trichlorophenol	12.894	196	141370	43.724	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	153005	40.177	ng	99
46) 1,1'-Biphenyl	13.287	154	439534	41.800	ng	99
47) 2-Chloronaphthalene	13.334	162	345521	42.143	ng	99
48) 2-Nitroaniline	13.546	65	136991	43.776	ng	99
49) Acenaphthylene	14.180	152	583937	42.541	ng	99
50) Dimethylphthalate	13.922	163	464251	40.372	ng	99
51) 2,6-Dinitrotoluene	14.045	165	105722	41.901	ng	98
52) Acenaphthene	14.527	154	326897	41.215	ng	98
53) 3-Nitroaniline	14.374	138	58228	23.066	ng	97
54) 2,4-Dinitrophenol	14.592	184	80216	58.605	ng	97
55) Dibenzofuran	14.862	168	554558	40.690	ng	100
56) 4-Nitrophenol	14.697	139	154393	82.433	ng	97
57) 2,4-Dinitrotoluene	14.833	165	147007	42.026	ng	93
58) Fluorene	15.508	166	445618	41.159	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.091	232	131363	40.424	ng	99
60) Diethylphthalate	15.279	149	466653	39.834	ng	99
61) 4-Chlorophenyl-phenyle...	15.496	204	244664	40.534	ng	99
62) 4-Nitroaniline	15.544	138	97175	40.636	ng	99
63) Azobenzene	15.790	77	471605	40.871	ng	99
65) 4,6-Dinitro-2-methylph...	15.602	198	69119	35.230	ng	96
66) n-Nitrosodiphenylamine	15.720	169	392926	42.428	ng	98
67) 4-Bromophenyl-phenylether	16.395	248	164989	40.882	ng	99
68) Hexachlorobenzene	16.513	284	186728	43.664	ng	98
69) Atrazine	16.666	200	155606	49.773	ng	97
70) Pentachlorophenol	16.860	266	183119	70.744	ng	99
71) Phenanthrene	17.247	178	745333	44.169	ng	99
72) Anthracene	17.341	178	728804	42.092	ng	99
73) Carbazole	17.612	167	658335	43.117	ng	100
74) Di-n-butylphthalate	18.164	149	814203	42.574	ng	100
75) Fluoranthene	19.263	202	863033	42.577	ng	100
77) Benzidine	19.451	184	306088	66.094	ng	98
78) Pyrene	19.627	202	908107	43.692	ng	99
80) Butylbenzylphthalate	20.514	149	367142	43.005	ng	99
81) Benzo(a)anthracene	21.431	228	906417	43.127	ng	100
82) 3,3'-Dichlorobenzidine	21.354	252	131694	18.532	ng	99
83) Chrysene	21.495	228	837958	41.584	ng	99
84) Bis(2-ethylhexyl)phtha...	21.331	149	526001	42.162	ng	99
85) Di-n-octyl phthalate	22.482	149	917765	41.842	ng	100
87) Indeno(1,2,3-cd)pyrene	28.023	276	972970	38.469	ng	98
88) Benzo(b)fluoranthene	23.546	252	919006	44.569	ng	99
89) Benzo(k)fluoranthene	23.611	252	891311	43.028	ng	99
90) Benzo(a)pyrene	24.380	252	838440	41.404	ng	98
91) Dibenzo(a,h)anthracene	28.070	278	822370	39.323	ng	99
92) Benzo(g,h,i)perylene	29.116	276	712525	33.977	ng	99

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

