

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011123\
 Data File : BG056250.D
 Acq On : 11 Jan 2023 14:37
 Operator : CG/JU
 Sample : 01053-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-201MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/12/2023
 Supervised By : Jagrut Upadhyay 01/12/2023

Quant Time: Jan 12 04:18:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	42015	20.000	ng	0.00
21) Naphthalene-d8	11.149	136	154095	20.000	ng	# 0.00
39) Acenaphthene-d10	14.933	164	124208	20.000	ng	0.00
64) Phenanthrene-d10	17.665	188	346789	20.000	ng	0.00
76) Chrysene-d12	21.960	240	351579	20.000	ng	# 0.00
86) Perylene-d12	25.397	264	379472	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	371683	157.953	ng	0.01
7) Phenol-d6	7.453	99	496519	137.398	ng	0.00
23) Nitrobenzene-d5	9.492	82	297682	98.815	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	250633	159.327	ng	0.00
45) 2-Fluorobiphenyl	13.558	172	891381	99.100	ng	0.00
79) Terphenyl-d14	20.238	244	2024839	103.151	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.658	88	46190	42.975	ng	# 84
3) Pyridine	4.081	79	118279	36.131	ng	99
4) n-Nitrosodimethylamine	3.981	42	30430	45.696	ng	# 82
6) Aniline	7.630	93	101097	21.333	ng	99
8) 2-Chlorophenol	7.876	128	123272	52.644	ng	98
9) Benzaldehyde	7.442	77	58957	27.438	ng	97
10) Phenol	7.483	94	168803	46.060	ng	96
11) bis(2-Chloroethyl)ether	7.718	93	116775	47.019	ng	97
12) 1,3-Dichlorobenzene	8.205	146	133908	46.987	ng	99
13) 1,4-Dichlorobenzene	8.352	146	136315	47.633	ng	98
14) 1,2-Dichlorobenzene	8.676	146	132842	48.108	ng	98
15) Benzyl Alcohol	8.546	79	125170	47.592	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.834	45	21658	49.349	ng	88
17) 2-Methylphenol	8.746	107	123274	45.841	ng	99
18) Hexachloroethane	9.416	117	41405	47.626	ng	94
19) n-Nitroso-di-n-propyla...	9.116	70	95489	43.454	ng	97
20) 3+4-Methylphenols	9.075	107	166320	43.991	ng	98
22) Acetophenone	9.146	105	203911	46.800	ng	# 100
24) Nitrobenzene	9.533	77	143631	48.111	ng	100
25) Isophorone	10.056	82	281645	44.435	ng	97
26) 2-Nitrophenol	10.250	139	76058	49.793	ng	99
27) 2,4-Dimethylphenol	10.291	122	132734	47.643	ng	97
28) bis(2-Chloroethoxy)met...	10.532	93	159768	48.498	ng	98
29) 2,4-Dichlorophenol	10.785	162	157447	51.117	ng	99
30) 1,2,4-Trichlorobenzene	11.002	180	171412	49.041	ng	98
31) Naphthalene	11.202	128	379844	46.838	ng	99
32) Benzoic acid	10.391	122	48424m	23.426	ng	
33) 4-Chloroaniline	11.302	127	16468	4.253	ng	# 94
34) Hexachlorobutadiene	11.472	225	118522	47.147	ng	97
35) Caprolactam	12.060	113	42308m	40.571	ng	
36) 4-Chloro-3-methylphenol	12.395	107	153916	49.246	ng	98
37) 2-Methylnaphthalene	12.777	142	296708	43.330	ng	98
38) 1-Methylnaphthalene	12.994	142	274950	43.239	ng	100
40) 1,2,4,5-Tetrachloroben...	13.141	216	233036	50.058	ng	99
41) Hexachlorocyclopentadiene	13.117	237	284098	107.041	ng	93
43) 2,4,6-Trichlorophenol	13.370	196	159758	51.898	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011123\
 Data File : BG056250.D
 Acq On : 11 Jan 2023 14:37
 Operator : CG/JU
 Sample : 01053-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-201MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/12/2023
 Supervised By : Jagrut Upadhyay 01/12/2023

Quant Time: Jan 12 04:18:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.441	196	175081	48.081	ng	97
46) 1,1'-Biphenyl	13.770	154	442618	49.758	ng	98
47) 2-Chloronaphthalene	13.817	162	352686	50.231	ng	97
48) 2-Nitroaniline	14.010	65	78771	52.655	ng	99
49) Acenaphthylene	14.657	152	555365	48.606	ng	99
50) Dimethylphthalate	14.369	163	483326	48.203	ng	98
51) 2,6-Dinitrotoluene	14.492	165	107833	50.471	ng	99
52) Acenaphthene	14.992	154	378175	50.890	ng	98
53) 3-Nitroaniline	14.821	138	45104	22.182	ng	# 98
54) 2,4-Dinitrophenol	15.027	184	94009	61.592	ng	95
55) Dibenzofuran	15.321	168	605178	49.212	ng	97
56) 4-Nitrophenol	15.115	139	150139	96.007	ng	99
57) 2,4-Dinitrotoluene	15.280	165	152083	50.898	ng	91
58) Fluorene	15.967	166	487854	49.323	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.544	232	179224	52.419	ng	97
60) Diethylphthalate	15.720	149	457739	48.679	ng	98
61) 4-Chlorophenyl-phenyle...	15.949	204	299498	48.521	ng	100
62) 4-Nitroaniline	15.985	138	99444	47.744	ng	96
63) Azobenzene	16.243	77	364034	50.168	ng	99
65) 4,6-Dinitro-2-methylph...	16.037	198	89536	38.321	ng	92
66) n-Nitrosodiphenylamine	16.167	169	458516	47.654	ng	97
67) 4-Bromophenyl-phenylether	16.842	248	209917	47.535	ng	96
68) Hexachlorobenzene	16.972	284	207826	50.443	ng	95
69) Atrazine	17.101	200	206574	51.803	ng	97
70) Pentachlorophenol	17.312	266	245123	77.451	ng	99
71) Phenanthrene	17.706	178	889101	49.472	ng	98
72) Anthracene	17.800	178	904278	48.777	ng	99
73) Carbazole	18.065	167	794526	50.986	ng	99
74) Di-n-butylphthalate	18.593	149	802512	51.661	ng	100
75) Fluoranthene	19.698	202	1167706	49.811	ng	99
77) Benzidine	19.862	184	60495	4.910	ng	99
78) Pyrene	20.056	202	1195388	48.238	ng	99
80) Butylbenzylphthalate	20.920	149	351286	49.411	ng	97
81) Benzo(a)anthracene	21.942	228	1213951	49.160	ng	98
82) 3,3'-Dichlorobenzidine	21.837	252	189893	21.362	ng	99
83) Chrysene	22.013	228	1123384	48.566	ng	99
84) Bis(2-ethylhexyl)phtha...	21.807	149	510750	49.865	ng	100
85) Di-n-octyl phthalate	23.088	149	849657	49.138	ng	100
87) Indeno(1,2,3-cd)pyrene	29.369	276	1394621	50.534	ng	# 97
88) Benzo(b)fluoranthene	24.304	252	1258842	52.212	ng	98
89) Benzo(k)fluoranthene	24.375	252	1204465	50.167	ng	100
90) Benzo(a)pyrene	25.244	252	1109652	47.187	ng	98
91) Dibenzo(a,h)anthracene	29.434	278	1161694	50.208	ng	100
92) Benzo(g,h,i)perylene	30.615	276	1131473	50.427	ng	99

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

