

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
 Data File : BG057010.D
 Acq On : 6 Apr 2023 13:20
 Operator : CG/JU
 Sample : PB151924BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151924BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/07/2023
 Supervised By : Jagrut Upadhyay 04/07/2023

Quant Time: Apr 07 01:36:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 07 01:33:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.411	152	13903	20.000	ng	0.00
21) Naphthalene-d8	11.254	136	58541	20.000	ng	# 0.00
39) Acenaphthene-d10	15.026	164	48108	20.000	ng	0.00
64) Phenanthrene-d10	17.763	188	118067	20.000	ng	0.00
76) Chrysene-d12	22.087	240	97191	20.000	ng	0.00
86) Perylene-d12	25.623	264	101479	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.920	112	99739	114.815	ng	0.00
7) Phenol-d6	7.548	99	148226	114.087	ng	0.00
23) Nitrobenzene-d5	9.592	82	93525	65.370	ng	0.00
42) 2,4,6-Tribromophenol	16.506	330	83060	108.075	ng	0.00
45) 2-Fluorobiphenyl	13.651	172	236988	66.799	ng	0.00
79) Terphenyl-d14	20.330	244	417981	72.773	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.717	88	12657	33.237	ng	97
3) Pyridine	4.140	79	32917	26.838	ng	89
4) n-Nitrosodimethylamine	4.046	42	20306	36.009	ng	98
6) Aniline	7.718	93	58118	34.991	ng	99
8) 2-Chlorophenol	7.971	128	43102	49.814	ng	96
9) Benzaldehyde	7.530	77	30041	36.864	ng	93
10) Phenol	7.571	94	61742	47.959	ng	98
11) bis(2-Chloroethyl)ether	7.812	93	37328	40.705	ng	97
12) 1,3-Dichlorobenzene	8.300	146	43356	45.348	ng	93
13) 1,4-Dichlorobenzene	8.446	146	43594	45.178	ng	96
14) 1,2-Dichlorobenzene	8.769	146	41938	44.986	ng	95
15) Benzyl Alcohol	8.640	79	48935	45.329	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.934	45	45155m	40.858	ng	
17) 2-Methylphenol	8.840	107	42125	45.865	ng	87
18) Hexachloroethane	9.510	117	15696	44.504	ng	92
19) n-Nitroso-di-n-propyla...	9.210	70	38212	41.119	ng	# 98
20) 3+4-Methylphenols	9.169	107	58270	45.370	ng	95
22) Acetophenone	9.239	105	71099	40.816	ng	# 96
24) Nitrobenzene	9.633	77	59524	40.694	ng	99
25) Isophorone	10.156	82	105463	38.710	ng	99
26) 2-Nitrophenol	10.350	139	25171	44.582	ng	94
27) 2,4-Dimethylphenol	10.391	122	45318	45.461	ng	95
28) bis(2-Chloroethoxy)met...	10.626	93	53851	39.481	ng	96
29) 2,4-Dichlorophenol	10.884	162	49153	45.849	ng	97
30) 1,2,4-Trichlorobenzene	11.107	180	49139	43.138	ng	97
31) Naphthalene	11.301	128	130889	41.020	ng	99
32) Benzoic acid	10.532	122	29070m	42.453	ng	
33) 4-Chloroaniline	11.401	127	42717	29.641	ng	97
34) Hexachlorobutadiene	11.577	225	35184	41.119	ng	94
35) Caprolactam	12.171	113	15090m	40.815	ng	
36) 4-Chloro-3-methylphenol	12.488	107	53153	44.334	ng	98
37) 2-Methylnaphthalene	12.876	142	101266	39.987	ng	100
38) 1-Methylnaphthalene	13.093	142	95699	40.243	ng	95
40) 1,2,4,5-Tetrachloroben...	13.240	216	68342	40.966	ng	99
41) Hexachlorocyclopentadiene	13.216	237	98809	107.499	ng	95
43) 2,4,6-Trichlorophenol	13.469	196	45366	42.614	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.545	196	50037	39.676	ng	100
46) 1,1'-Biphenyl	13.863	154	149641	42.492	ng	96
47) 2-Chloronaphthalene	13.915	162	112965	43.371	ng	96
48) 2-Nitroaniline	14.103	65	37745	40.528	ng	98
49) Acenaphthylene	14.755	152	181157	42.332	ng	99
50) Dimethylphthalate	14.462	163	154397	40.732	ng	# 97
51) 2,6-Dinitrotoluene	14.585	165	34301	41.882	ng	95
52) Acenaphthene	15.090	154	138691m	46.992	ng	
53) 3-Nitroaniline	14.920	138	23939	29.531	ng	91
54) 2,4-Dinitrophenol	15.126	184	44930	97.466	ng	89
55) Dibenzofuran	15.419	168	184502	41.651	ng	98
56) 4-Nitrophenol	15.214	139	53840	89.816	ng	94
57) 2,4-Dinitrotoluene	15.372	165	47824	41.403	ng	# 93
58) Fluorene	16.065	166	150276	40.997	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.642	232	48891	42.578	ng	99
60) Diethylphthalate	15.807	149	154356	40.620	ng	99
61) 4-Chlorophenyl-phenyle...	16.042	204	90083	41.857	ng	99
62) 4-Nitroaniline	16.077	138	33165	39.487	ng	93
63) Azobenzene	16.336	77	151977	40.131	ng	99
65) 4,6-Dinitro-2-methylph...	16.136	198	32391	45.298	ng	93
66) n-Nitrosodiphenylamine	16.259	169	130954	41.318	ng	99
67) 4-Bromophenyl-phenylether	16.941	248	59728	40.885	ng	95
68) Hexachlorobenzene	17.070	284	64995	45.001	ng	98
69) Atrazine	17.187	200	58063	44.133	ng	97
70) Pentachlorophenol	17.411	266	76704	74.027	ng	98
71) Phenanthrene	17.810	178	248326	41.253	ng	99
72) Anthracene	17.898	178	252611	40.936	ng	99
73) Carbazole	18.163	167	222021	41.266	ng	94
74) Di-n-butylphthalate	18.680	149	252124	40.468	ng	98
75) Fluoranthene	19.796	202	291187	38.160	ng	98
77) Benzidine	19.954	184	146614	55.190	ng	99
78) Pyrene	20.154	202	288514	42.919	ng	97
80) Butylbenzylphthalate	21.012	149	99852	43.165	ng	93
81) Benzo(a)anthracene	22.063	228	273084	40.604	ng	98
82) 3,3'-Dichlorobenzidine	21.957	252	67650	29.787	ng	97
83) Chrysene	22.134	228	254150	40.359	ng	98
84) Bis(2-ethylhexyl)phtha...	21.910	149	139263	41.575	ng	98
85) Di-n-octyl phthalate	23.232	149	232614	41.209	ng	99
87) Indeno(1,2,3-cd)pyrene	29.712	276	320270	42.704	ng	# 55
88) Benzo(b)fluoranthene	24.489	252	277846	43.784	ng	99
89) Benzo(k)fluoranthene	24.566	252	278289	43.928	ng	99
90) Benzo(a)pyrene	25.453	252	245758	39.411	ng	# 99
91) Dibenzo(a,h)anthracene	29.788	278	274094	44.462	ng	95
92) Benzo(g,h,i)perylene	31.010	276	255378	42.306	ng	97

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

