

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
 Data File : BG055604.D
 Acq On : 14 Nov 2022 14:31
 Operator : CG/JU
 Sample : PB148777BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148777BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/15/2022
 Supervised By : Jagrut Upadhyay 11/15/2022

Quant Time: Nov 14 15:55:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.267	152	43397	20.000	ng	0.00
21) Naphthalene-d8	11.099	136	196626	20.000	ng	0.00
39) Acenaphthene-d10	14.889	164	153610	20.000	ng	0.00
64) Phenanthrene-d10	17.627	188	384971	20.000	ng	0.00
76) Chrysene-d12	21.933	240	344326	20.000	ng	0.00
86) Perylene-d12	25.353	264	342684	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	337850	148.285	ng	0.00
7) Phenol-d6	7.403	99	459589	146.031	ng	0.00
23) Nitrobenzene-d5	9.436	82	276024	95.166	ng	0.00
42) 2,4,6-Tribromophenol	16.369	330	269704	179.949	ng	0.00
45) 2-Fluorobiphenyl	13.514	172	734201	72.096	ng	0.00
79) Terphenyl-d14	20.218	244	1367354	79.762	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.626	88	30853	26.660	ng	90
3) Pyridine	4.037	79	87561	27.212	ng	99
4) n-Nitrosodimethylamine	3.949	42	67366	38.464	ng	95
6) Aniline	7.580	93	153699	36.767	ng	99
8) 2-Chlorophenol	7.821	128	127610	50.029	ng	97
9) Benzaldehyde	7.392	77	16801	6.766	ng	91
10) Phenol	7.433	94	168453	46.495	ng	99
11) bis(2-Chloroethyl)ether	7.668	93	113060	38.759	ng	96
12) 1,3-Dichlorobenzene	8.156	146	125353	39.341	ng	99
13) 1,4-Dichlorobenzene	8.302	146	128112	39.729	ng	98
14) 1,2-Dichlorobenzene	8.626	146	127734	41.712	ng	98
15) Benzyl Alcohol	8.496	79	127107m	46.313	ng	
16) 2,2'-oxybis(1-Chloropr...	8.790	45	220749	39.384	ng	98
17) 2-Methylphenol	8.696	107	117559	46.109	ng	97
18) Hexachloroethane	9.360	117	44828	41.874	ng	95
19) n-Nitroso-di-n-propyla...	9.072	70	105206	40.449	ng	98
20) 3+4-Methylphenols	9.025	107	163808	46.119	ng	96
22) Acetophenone	9.090	105	199971	38.231	ng	# 99
24) Nitrobenzene	9.483	77	148371	44.465	ng	100
25) Isophorone	10.000	82	302892	40.876	ng	98
26) 2-Nitrophenol	10.194	139	70459	63.086	ng	94
27) 2,4-Dimethylphenol	10.241	122	135037	50.970	ng	98
28) bis(2-Chloroethoxy)met...	10.482	93	165474	41.417	ng	99
29) 2,4-Dichlorophenol	10.729	162	141667	48.657	ng	97
30) 1,2,4-Trichlorobenzene	10.952	180	139748	38.318	ng	97
31) Naphthalene	11.146	128	397140	37.358	ng	99
32) Benzoic acid	10.371	122	97715	56.368	ng	93
33) 4-Chloroaniline	11.246	127	154341	34.734	ng	98
34) Hexachlorobutadiene	11.422	225	92845	38.170	ng	98
35) Caprolactam	12.010	113	53443m	53.845	ng	
36) 4-Chloro-3-methylphenol	12.345	107	165239	48.147	ng	98
37) 2-Methylnaphthalene	12.732	142	312706	39.151	ng	98
38) 1-Methylnaphthalene	12.950	142	300075	38.408	ng	98
40) 1,2,4,5-Tetrachloroben...	13.097	216	181248	39.500	ng	99
41) Hexachlorocyclopentadiene	13.073	237	212816	108.338	ng	97
43) 2,4,6-Trichlorophenol	13.326	196	132480	49.103	ng	99

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44) 2,4,5-Trichlorophenol	13.396	196	144991	46.943	ng	99
46) 1,1'-Biphenyl	13.725	154	433337	38.560	ng	99
47) 2-Chloronaphthalene	13.772	162	328112	37.801	ng	100
48) 2-Nitroaniline	13.966	65	117806	52.320	ng	97
49) Acenaphthylene	14.613	152	553152	38.514	ng	99
50) Dimethylphthalate	14.331	163	483563	41.428	ng	99
51) 2,6-Dinitrotoluene	14.454	165	100367	48.856	ng	94
52) Acenaphthene	14.953	154	404325	45.095	ng	98
53) 3-Nitroaniline	14.783	138	92963	38.446	ng	# 97
54) 2,4-Dinitrophenol	14.989	184	125306	172.659	ng	# 74
55) Dibenzofuran	15.282	168	560689	39.115	ng	100
56) 4-Nitrophenol	15.077	139	185985	107.606	ng	99
57) 2,4-Dinitrotoluene	15.235	165	146743	53.680	ng	# 93
58) Fluorene	15.929	166	447685	39.257	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.500	232	138249	48.291	ng	98
60) Diethylphthalate	15.688	149	490015	41.267	ng	99
61) 4-Chlorophenyl-phenyle...	15.917	204	249332	41.104	ng	98
62) 4-Nitroaniline	15.946	138	113857	49.200	ng	100
63) Azobenzene	16.211	77	431457	37.486	ng	97
65) 4,6-Dinitro-2-methylph...	15.999	198	80466	59.795	ng	97
66) n-Nitrosodiphenylamine	16.128	169	414873	38.469	ng	99
67) 4-Bromophenyl-phenylether	16.810	248	168885	43.003	ng	98
68) Hexachlorobenzene	16.933	284	184736	39.566	ng	96
69) Atrazine	17.069	200	154101	39.483	ng	98
70) Pentachlorophenol	17.274	266	241423	94.381	ng	97
71) Phenanthrene	17.674	178	774537	37.436	ng	99
72) Anthracene	17.762	178	789041	38.915	ng	99
73) Carbazole	18.026	167	714747	39.005	ng	100
74) Di-n-butylphthalate	18.567	149	839049	39.936	ng	99
75) Fluoranthene	19.666	202	903256	36.610	ng	100
77) Benzidine	19.836	184	387604	41.609	ng	99
78) Pyrene	20.030	202	908759	38.996	ng	99
80) Butylbenzylphthalate	20.899	149	358492	40.924	ng	97
81) Benzo(a)anthracene	21.910	228	896513	38.012	ng	99
82) 3,3'-Dichlorobenzidine	21.816	252	329024	42.745	ng	100
83) Chrysene	21.980	228	847500	37.789	ng	100
84) Bis(2-ethylhexyl)phtha...	21.792	149	514056	43.709	ng	100
85) Di-n-octyl phthalate	23.073	149	868277	42.721	ng	100
87) Indeno(1,2,3-cd)pyrene	29.307	276	1035807	39.686	ng	99
88) Benzo(b)fluoranthene	24.260	252	960877	44.254	ng	99
89) Benzo(k)fluoranthene	24.337	252	911096	41.044	ng	99
90) Benzo(a)pyrene	25.200	252	830391	44.398	ng	99
91) Dibenzo(a,h)anthracene	29.378	278	913944	42.302	ng	97
92) Benzo(g,h,i)perylene	30.547	276	903877	42.797	ng	99

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

