

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
 Data File : BG060399.D
 Acq On : 23 Jan 2024 11:47
 Operator : MA/JU
 Sample : PB158566BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158566BSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2024
 Supervised By :mohammad ahmed 01/25/2024

Quant Time: Jan 23 12:29:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	211980	20.000	ng	0.00
21) Naphthalene-d8	10.735	136	899732	20.000	ng	0.00
39) Acenaphthene-d10	14.566	164	707966	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1870425	20.000	ng	0.00
76) Chrysene-d12	21.581	240	1614078	20.000	ng	0.00
86) Perylene-d12	24.742	264	1752066	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	1838289	142.636	ng	0.00
7) Phenol-d6	7.104	99	2807481	147.111	ng	0.00
23) Nitrobenzene-d5	9.096	82	1626779	85.377	ng	0.00
42) 2,4,6-Tribromophenol	16.058	330	1533503	147.223	ng	0.00
45) 2-Fluorobiphenyl	13.191	172	4001669	78.585	ng	0.00
79) Terphenyl-d14	19.930	244	5805307	94.661	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.402	88	172463	29.295	ng	98
3) Pyridine	3.796	79	482550	29.051	ng	93
4) n-Nitrosodimethylamine	3.714	42	207198	39.858	ng	97
6) Aniline	7.257	93	796963	41.780	ng	99
8) 2-Chlorophenol	7.497	128	666553	52.186	ng	93
10) Phenol	7.127	94	1019190	53.265	ng	98
11) bis(2-Chloroethyl)ether	7.351	93	697359	44.726	ng	98
12) 1,3-Dichlorobenzene	7.821	146	683738	42.648	ng	98
13) 1,4-Dichlorobenzene	7.967	146	692153	42.551	ng	99
14) 1,2-Dichlorobenzene	8.285	146	688934	41.189	ng	99
15) Benzyl Alcohol	8.167	79	650438	52.652	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.455	45	840609	44.420	ng	98
17) 2-Methylphenol	8.373	107	658783	50.127	ng	99
18) Hexachloroethane	9.013	117	236164	41.409	ng	98
19) n-Nitroso-di-n-propyla...	8.731	70	581744	44.044	ng	97
20) 3+4-Methylphenols	8.702	107	910614	51.390	ng	99
22) Acetophenone	8.749	105	1126730	45.557	ng	# 99
24) Nitrobenzene	9.137	77	824854	41.760	ng	97
25) Isophorone	9.654	82	1679482	43.891	ng	98
26) 2-Nitrophenol	9.842	139	375482	51.702	ng	96
27) 2,4-Dimethylphenol	9.906	122	694324	72.352	ng	96
28) bis(2-Chloroethoxy)met...	10.136	93	1005832	43.021	ng	99
29) 2,4-Dichlorophenol	10.382	162	790910	50.859	ng	99
30) 1,2,4-Trichlorobenzene	10.594	180	808516	41.791	ng	96
31) Naphthalene	10.782	128	2016881	42.764	ng	99
32) Benzoic acid	10.053	122	441955	51.268	ng	93
33) 4-Chloroaniline	10.893	127	466604	25.677	ng	97
34) Hexachlorobutadiene	11.064	225	485823	38.548	ng	97
35) Caprolactam	11.669	113	280024m	55.907	ng	
36) 4-Chloro-3-methylphenol	12.022	107	840719	53.216	ng	97
37) 2-Methylnaphthalene	12.392	142	1559325	44.579	ng	99
38) 1-Methylnaphthalene	12.609	142	1484953	42.277	ng	97
40) 1,2,4,5-Tetrachloroben...	12.762	216	1050226	41.769	ng	99
41) Hexachlorocyclopentadiene	12.738	237	1186155	142.091	ng	99
43) 2,4,6-Trichlorophenol	13.003	196	763615	47.722	ng	99
44) 2,4,5-Trichlorophenol	13.079	196	848448	48.073	ng	99

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46) 1,1'-Biphenyl	13.402	154	2287708	42.809	ng	98
47) 2-Chloronaphthalene	13.443	162	1883450	41.140	ng	98
48) 2-Nitroaniline	13.649	65	597112	52.372	ng	99
49) Acenaphthylene	14.289	152	2937221	46.590	ng	99
50) Dimethylphthalate	14.025	163	2518630	46.554	ng	98
51) 2,6-Dinitrotoluene	14.143	165	579385	50.188	ng	97
52) Acenaphthene	14.630	154	1754608	44.696	ng	99
53) 3-Nitroaniline	14.477	138	377529	35.890	ng	96
54) 2,4-Dinitrophenol	14.683	184	722347	100.711	ng	99
55) Dibenzofuran	14.965	168	2983067	45.521	ng	96
56) 4-Nitrophenol	14.789	139	908253	116.408	ng	98
57) 2,4-Dinitrotoluene	14.930	165	823118	51.996	ng	96
58) Fluorene	15.617	166	2444977	45.053	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.194	232	792284	52.865	ng	98
60) Diethylphthalate	15.382	149	2462817	47.417	ng	99
61) 4-Chlorophenyl-phenyle...	15.606	204	1334999	44.656	ng	97
62) 4-Nitroaniline	15.641	138	565600	50.520	ng	97
63) Azobenzene	15.899	77	2371645	45.146	ng	99
65) 4,6-Dinitro-2-methylph...	15.700	198	552726	53.416	ng	92
66) n-Nitrosodiphenylamine	15.823	169	2288591	46.081	ng	97
67) 4-Bromophenyl-phenylether	16.499	248	925141	45.014	ng	96
68) Hexachlorobenzene	16.616	284	1040493	42.770	ng	96
69) Atrazine	16.769	200	732007	39.088	ng	98
70) Pentachlorophenol	16.963	266	1238253	94.428	ng	94
71) Phenanthrene	17.356	178	4044563	44.737	ng	98
72) Anthracene	17.450	178	4071045	45.102	ng	99
73) Carbazole	17.721	167	3783391	44.460	ng	98
74) Di-n-butylphthalate	18.273	149	3908721	44.642	ng	98
75) Fluoranthene	19.372	202	4527288	41.692	ng	99
77) Benzidine	19.554	184	1245369	35.515	ng	98
78) Pyrene	19.736	202	4630399	44.923	ng	99
80) Butylbenzylphthalate	20.617	149	1894610	53.426	ng	97
81) Benzo(a)anthracene	21.557	228	4532098	45.356	ng	99
82) 3,3'-Dichlorobenzidine	21.475	252	1531694	40.026	ng	99
83) Chrysene	21.628	228	4314586	43.903	ng	100
84) Bis(2-ethylhexyl)phtha...	21.458	149	2697772	50.344	ng	96
85) Di-n-octyl phthalate	22.650	149	4456026	51.314	ng	100
87) Indeno(1,2,3-cd)pyrene	28.355	276	5903054	48.456	ng	# 94
88) Benzo(b)fluoranthene	23.737	252	4914427	47.480	ng	99
89) Benzo(k)fluoranthene	23.808	252	4841433	47.401	ng	99
90) Benzo(a)pyrene	24.595	252	4355257	46.580	ng	99
91) Dibenzo(a,h)anthracene	28.420	278	4851742	48.767	ng	98
92) Benzo(g,h,i)perylene	29.489	276	4802763	47.101	ng	98

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

