

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
 Data File : BG055856.D
 Acq On : 1 Dec 2022 14:30
 Operator : CG/JU
 Sample : PB149346BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149346BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/02/2022
 Supervised By : Jagrut Upadhyay 12/02/2022

Quant Time: Dec 02 04:09:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 04:07:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.206	152	35586	20.000	ng	0.00
21) Naphthalene-d8	11.038	136	164375	20.000	ng	0.00
39) Acenaphthene-d10	14.833	164	125998	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	307125	20.000	ng	0.00
76) Chrysene-d12	21.866	240	294079	20.000	ng	0.00
86) Perylene-d12	25.244	264	297802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	273773	139.057	ng	0.00
7) Phenol-d6	7.365	99	366080	139.685	ng	0.00
23) Nitrobenzene-d5	9.387	82	224840	72.297	ng	0.00
42) 2,4,6-Tribromophenol	16.325	330	208871	117.726	ng	0.00
45) 2-Fluorobiphenyl	13.458	172	594556	70.693	ng	0.00
79) Terphenyl-d14	20.162	244	1131738	76.973	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.558	88	26225	31.170	ng	98
3) Pyridine	3.975	79	74478	28.855	ng	97
4) n-Nitrosodimethylamine	3.887	42	52197	38.197	ng	94
6) Aniline	7.524	93	131257	39.874	ng	96
8) 2-Chlorophenol	7.771	128	105208	46.745	ng	98
9) Benzaldehyde	7.336	77	59405m	33.377	ng	
10) Phenol	7.389	94	135361	46.128	ng	99
11) bis(2-Chloroethyl)ether	7.612	93	91606	40.735	ng	99
12) 1,3-Dichlorobenzene	8.094	146	104255	39.399	ng	97
13) 1,4-Dichlorobenzene	8.241	146	107229	40.102	ng	100
14) 1,2-Dichlorobenzene	8.564	146	106038	41.383	ng	98
15) Benzyl Alcohol	8.446	79	94550m	44.391	ng	
16) 2,2'-oxybis(1-Chloropr...	8.728	45	165124	40.561	ng	99
17) 2-Methylphenol	8.652	107	96507	46.323	ng	100
18) Hexachloroethane	9.304	117	37143	40.359	ng	97
19) n-Nitroso-di-n-propyla...	9.011	70	85087	42.256	ng	98
20) 3+4-Methylphenols	8.981	107	134152	46.096	ng	99
22) Acetophenone	9.034	105	159246	37.283	ng	# 98
24) Nitrobenzene	9.428	77	119347	36.740	ng	99
25) Isophorone	9.945	82	237376	40.284	ng	98
26) 2-Nitrophenol	10.144	139	61438	40.970	ng	95
27) 2,4-Dimethylphenol	10.191	122	109639m	48.039	ng	
28) bis(2-Chloroethoxy)met...	10.421	93	133550	42.218	ng	98
29) 2,4-Dichlorophenol	10.685	162	116172	42.527	ng	99
30) 1,2,4-Trichlorobenzene	10.897	180	116957	36.853	ng	99
31) Naphthalene	11.090	128	322820	36.330	ng	99
32) Benzoic acid	10.344	122	49392m	26.304	ng	
33) 4-Chloroaniline	11.190	127	117998	32.191	ng	99
34) Hexachlorobutadiene	11.361	225	78692	36.313	ng	96
35) Caprolactam	11.966	113	40113m	42.433	ng	
36) 4-Chloro-3-methylphenol	12.307	107	129641	43.179	ng	98
37) 2-Methylnaphthalene	12.677	142	251634	37.821	ng	98
38) 1-Methylnaphthalene	12.894	142	236403	36.601	ng	98
40) 1,2,4,5-Tetrachloroben...	13.041	216	148913	37.609	ng	99
41) Hexachlorocyclopentadiene	13.018	237	125883	63.079	ng	98
43) 2,4,6-Trichlorophenol	13.282	196	101180	37.461	ng	99

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44) 2,4,5-Trichlorophenol	13.358	196	112535	37.914	ng	96
46) 1,1'-Biphenyl	13.670	154	346899	37.782	ng	99
47) 2-Chloronaphthalene	13.723	162	261841	36.690	ng	98
48) 2-Nitroaniline	13.922	65	91554	39.020	ng	94
49) Acenaphthylene	14.563	152	435088	37.023	ng	100
50) Dimethylphthalate	14.281	163	377042	37.539	ng	99
51) 2,6-Dinitrotoluene	14.404	165	82024	39.940	ng	98
52) Acenaphthene	14.904	154	315666m	41.099	ng	
53) 3-Nitroaniline	14.739	138	69380	30.774	ng	98
54) 2,4-Dinitrophenol	14.951	184	97555	82.618	ng	98
55) Dibenzofuran	15.233	168	439352	37.080	ng	98
56) 4-Nitrophenol	15.056	139	126436	71.456	ng	98
57) 2,4-Dinitrotoluene	15.191	165	120258	41.533	ng	98
58) Fluorene	15.879	166	351410	37.133	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.462	232	100408	34.912	ng	98
60) Diethylphthalate	15.632	149	382721	37.689	ng	100
61) 4-Chlorophenyl-phenyle...	15.861	204	197033	37.876	ng	100
62) 4-Nitroaniline	15.902	138	90709	38.490	ng	96
63) Azobenzene	16.155	77	325703	36.738	ng	99
65) 4,6-Dinitro-2-methylph...	15.961	198	71186	41.509	ng	97
66) n-Nitrosodiphenylamine	16.079	169	322686	38.124	ng	99
67) 4-Bromophenyl-phenylether	16.754	248	132937	37.989	ng	99
68) Hexachlorobenzene	16.884	284	148526	38.278	ng	98
69) Atrazine	17.013	200	140457	41.959	ng	100
70) Pentachlorophenol	17.230	266	170176	71.694	ng	97
71) Phenanthrene	17.618	178	609632	36.783	ng	99
72) Anthracene	17.712	178	612953	38.064	ng	99
73) Carbazole	17.976	167	567579	39.206	ng	99
74) Di-n-butylphthalate	18.511	149	689482	38.356	ng	100
75) Fluoranthene	19.616	202	736454	36.525	ng	100
77) Benzidine	19.786	184	329532	48.437	ng	98
78) Pyrene	19.980	202	747212	37.538	ng	99
80) Butylbenzylphthalate	20.838	149	297921	38.231	ng	97
81) Benzo(a)anthracene	21.843	228	748797	36.969	ng	99
82) 3,3'-Dichlorobenzidine	21.749	252	249962	35.121	ng	100
83) Chrysene	21.913	228	706215	36.624	ng	99
84) Bis(2-ethylhexyl)phtha...	21.713	149	432333	38.604	ng	99
85) Di-n-octyl phthalate	22.965	149	733050	38.249	ng	100
87) Indeno(1,2,3-cd)pyrene	29.146	276	895567	36.708	ng	98
88) Benzo(b)fluoranthene	24.163	252	790092	40.738	ng	99
89) Benzo(k)fluoranthene	24.234	252	776584	40.170	ng	99
90) Benzo(a)pyrene	25.086	252	701920	42.175	ng	100
91) Dibenzo(a,h)anthracene	29.204	278	765799	38.412	ng	98
92) Benzo(g,h,i)perylene	30.368	276	753477	37.499	ng	97

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

