

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082022\
 Data File : BG054677.D
 Acq On : 20 Aug 2022 1:26
 Operator : CG/JU
 Sample : PB147091BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147091BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/22/2022
 Supervised By : Jagrut Upadhyay 08/22/2022

Quant Time: Aug 22 00:36:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 22 00:08:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	49918	20.000	ng	0.00
21) Naphthalene-d8	10.985	136	207511	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	132786	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	297708	20.000	ng	0.00
76) Chrysene-d12	21.831	240	294828	20.000	ng	0.00
86) Perylene-d12	25.204	264	319406	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	404424	146.700	ng	0.00
7) Phenol-d6	7.301	99	526545	136.572	ng	0.00
23) Nitrobenzene-d5	9.328	82	303122	84.335	ng	0.00
42) 2,4,6-Tribromophenol	16.273	330	174042	125.526	ng	0.00
45) 2-Fluorobiphenyl	13.417	172	697072	82.229	ng	0.00
79) Terphenyl-d14	20.139	244	1200659	87.042	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.541	88	46416	34.482	ng	99
3) Pyridine	3.946	79	127463	35.248	ng	96
4) n-Nitrosodimethylamine	3.864	42	71285	44.282	ng	97
6) Aniline	7.477	93	155893	33.737	ng	99
8) 2-Chlorophenol	7.718	128	150172	50.214	ng	98
9) Benzaldehyde	7.289	77	56525	24.331	ng	97
10) Phenol	7.330	94	192338	49.107	ng	99
11) bis(2-Chloroethyl)ether	7.571	93	145079	45.940	ng	99
12) 1,3-Dichlorobenzene	8.047	146	161755	46.112	ng	99
13) 1,4-Dichlorobenzene	8.194	146	162038	45.768	ng	98
14) 1,2-Dichlorobenzene	8.517	146	157863	47.035	ng	97
15) Benzyl Alcohol	8.394	79	131091	47.817	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.682	45	228028	46.311	ng	99
17) 2-Methylphenol	8.594	107	130396	48.637	ng	98
18) Hexachloroethane	9.252	117	57052	46.020	ng	96
19) n-Nitroso-di-n-propyla...	8.964	70	113530	44.838	ng	98
20) 3+4-Methylphenols	8.923	107	174513	47.126	ng	99
22) Acetophenone	8.987	105	220284	43.993	ng	100
24) Nitrobenzene	9.375	77	162219	44.434	ng	98
25) Isophorone	9.898	82	312399	45.256	ng	99
26) 2-Nitrophenol	10.086	139	63559	45.212	ng	99
27) 2,4-Dimethylphenol	10.139	122	146965	53.564	ng	99
28) bis(2-Chloroethoxy)met...	10.380	93	192566	48.567	ng	97
29) 2,4-Dichlorophenol	10.621	162	137909	46.977	ng	99
30) 1,2,4-Trichlorobenzene	10.838	180	147504	42.003	ng	97
31) Naphthalene	11.038	128	453502	42.515	ng	100
32) Benzoic acid	10.262	122	82382	44.346	ng	98
33) 4-Chloroaniline	11.138	127	66526	15.317	ng	98
34) Hexachlorobutadiene	11.314	225	94333	41.812	ng	97
35) Caprolactam	11.907	113	46168m	48.330	ng	
36) 4-Chloro-3-methylphenol	12.242	107	149585	47.875	ng	99
37) 2-Methylnaphthalene	12.630	142	315059	42.597	ng	99
38) 1-Methylnaphthalene	12.847	142	301915	41.952	ng	100
40) 1,2,4,5-Tetrachloroben...	12.988	216	168179	43.415	ng	99
41) Hexachlorocyclopentadiene	12.971	237	226133	110.328	ng	99
43) 2,4,6-Trichlorophenol	13.224	196	112742	46.399	ng	98

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44) 2,4,5-Trichlorophenol	13.294	196	124540	45.792	ng	99
46) 1,1'-Biphenyl	13.629	154	421606	44.770	ng	99
47) 2-Chloronaphthalene	13.676	162	309074	43.181	ng	99
48) 2-Nitroaniline	13.870	65	92979	46.915	ng	99
49) Acenaphthylene	14.516	152	514676	43.751	ng	99
50) Dimethylphthalate	14.240	163	412789	44.069	ng	99
51) 2,6-Dinitrotoluene	14.357	165	85927	48.426	ng	95
52) Acenaphthene	14.857	154	345243	46.597	ng	99
53) 3-Nitroaniline	14.692	138	58378	28.717	ng	96
54) 2,4-Dinitrophenol	14.892	184	72341	80.249	ng	96
55) Dibenzofuran	15.186	168	481810	43.588	ng	99
56) 4-Nitrophenol	14.980	139	162507	103.984	ng	95
57) 2,4-Dinitrotoluene	15.145	165	118572	49.793	ng	# 97
58) Fluorene	15.838	166	401207	43.410	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.403	232	108942	45.296	ng	99
60) Diethylphthalate	15.597	149	411986	44.597	ng	98
61) 4-Chlorophenyl-phenyle...	15.826	204	202577	44.311	ng	98
62) 4-Nitroaniline	15.850	138	95151	44.912	ng	98
63) Azobenzene	16.120	77	394349	44.334	ng	98
65) 4,6-Dinitro-2-methylph...	15.903	198	46516	43.860	ng	96
66) n-Nitrosodiphenylamine	16.038	169	360834	44.331	ng	99
67) 4-Bromophenyl-phenylether	16.719	248	121035	40.123	ng	98
68) Hexachlorobenzene	16.831	284	152099	43.329	ng	96
69) Atrazine	16.978	200	133628	51.699	ng	99
70) Pentachlorophenol	17.178	266	190001	99.273	ng	99
71) Phenanthrene	17.577	178	656680	43.378	ng	99
72) Anthracene	17.671	178	665933	45.143	ng	99
73) Carbazole	17.936	167	631792	47.100	ng	99
74) Di-n-butylphthalate	18.488	149	749722	47.338	ng	100
75) Fluoranthene	19.581	202	825837	45.181	ng	99
77) Benzidine	19.757	184	317456	57.430	ng	99
78) Pyrene	19.945	202	840951	43.429	ng	100
80) Butylbenzylphthalate	20.826	149	334294	48.086	ng	99
81) Benzo(a)anthracene	21.808	228	829894	43.518	ng	100
82) 3,3'-Dichlorobenzidine	21.719	252	216675	39.627	ng	99
83) Chrysene	21.878	228	771722	42.778	ng	99
84) Bis(2-ethylhexyl)phtha...	21.708	149	490793	48.039	ng	100
85) Di-n-octyl phthalate	22.977	149	825313	48.805	ng	100
87) Indeno(1,2,3-cd)pyrene	29.087	276	990833	42.428	ng	98
88) Benzo(b)fluoranthene	24.128	252	890584	46.301	ng	100
89) Benzo(k)fluoranthene	24.199	252	852096	44.041	ng	99
90) Benzo(a)pyrene	25.045	252	781112	47.815	ng	99
91) Dibenzo(a,h)anthracene	29.164	278	850403	44.257	ng	100
92) Benzo(g,h,i)perylene	30.303	276	840325	44.099	ng	99

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

