

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041422\
 Data File : BG053153.D
 Acq On : 14 Apr 2022 12:26
 Operator : CG/JU
 Sample : PB144099BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144099BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/15/2022
 Supervised By : Jagrut Upadhyay 04/15/2022

Quant Time: Apr 15 02:20:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.123	152	26911	20.000	ng	0.00
21) Naphthalene-d8	10.936	136	113992	20.000	ng	0.00
39) Acenaphthene-d10	14.743	164	87137	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	218944	20.000	ng	0.00
76) Chrysene-d12	21.775	240	222032	20.000	ng	0.00
86) Perylene-d12	25.076	264	229790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	222931	142.003	ng	0.00
7) Phenol-d6	7.283	99	320625	132.438	ng	0.00
23) Nitrobenzene-d5	9.286	82	224994	80.142	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	179182	129.251	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	509365	80.605	ng	0.00
79) Terphenyl-d14	20.089	244	1108335	84.306	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.564	88	28151	37.549	ng	# 94
3) Pyridine	3.964	79	70350	35.578	ng	92
4) n-Nitrosodimethylamine	3.875	42	45547	46.515	ng	85
6) Aniline	7.441	93	109403	38.993	ng	97
8) 2-Chlorophenol	7.688	128	86608	51.101	ng	93
9) Benzaldehyde	7.247	77	56416m	38.985	ng	
10) Phenol	7.306	94	118832	49.312	ng	89
11) bis(2-Chloroethyl)ether	7.529	93	82299	47.377	ng	92
12) 1,3-Dichlorobenzene	8.011	146	91633	46.527	ng	94
13) 1,4-Dichlorobenzene	8.158	146	93606	46.621	ng	98
14) 1,2-Dichlorobenzene	8.475	146	90447	46.714	ng	96
15) Benzyl Alcohol	8.352	79	101934	47.370	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.645	45	130947	45.151	ng	97
17) 2-Methylphenol	8.563	107	80386	49.295	ng	97
18) Hexachloroethane	9.209	117	35478	47.121	ng	96
19) n-Nitroso-di-n-propyla...	8.922	70	80804	45.590	ng	96
20) 3+4-Methylphenols	8.886	107	110661	48.071	ng	95
22) Acetophenone	8.939	105	137784	43.569	ng	96
24) Nitrobenzene	9.327	77	118581	43.425	ng	# 89
25) Isophorone	9.850	82	217777	45.638	ng	99
26) 2-Nitrophenol	10.038	139	50953	44.622	ng	# 87
27) 2,4-Dimethylphenol	10.096	122	88043	53.837	ng	94
28) bis(2-Chloroethoxy)met...	10.326	93	114952	42.879	ng	98
29) 2,4-Dichlorophenol	10.578	162	95570	46.486	ng	98
30) 1,2,4-Trichlorobenzene	10.795	180	100333	43.120	ng	95
31) Naphthalene	10.983	128	262643	43.186	ng	98
32) Benzoic acid	10.237	122	49538m	46.654	ng	
33) 4-Chloroaniline	11.083	127	72321	27.769	ng	94
34) Hexachlorobutadiene	11.271	225	73290	42.402	ng	99
35) Caprolactam	11.847	113	32718m	45.149	ng	
36) 4-Chloro-3-methylphenol	12.205	107	109335	45.680	ng	95
37) 2-Methylnaphthalene	12.581	142	193840	43.074	ng	94
38) 1-Methylnaphthalene	12.799	142	188643	42.945	ng	95
40) 1,2,4,5-Tetrachloroben...	12.951	216	126767	42.834	ng	98
41) Hexachlorocyclopentadiene	12.928	237	164325	107.561	ng	95
43) 2,4,6-Trichlorophenol	13.186	196	90627	44.415	ng	98

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44) 2,4,5-Trichlorophenol	13.257	196	97399	44.794	ng	98
46) 1,1'-Biphenyl	13.580	154	269696	42.979	ng	98
47) 2-Chloronaphthalene	13.627	162	213081	42.562	ng	94
48) 2-Nitroaniline	13.821	65	83556	43.979	ng	95
49) Acenaphthylene	14.467	152	365200	46.600	ng	97
50) Dimethylphthalate	14.191	163	306526	43.981	ng	99
51) 2,6-Dinitrotoluene	14.308	165	66804	45.946	ng	# 81
52) Acenaphthene	14.808	154	267307m	50.296	ng	
53) 3-Nitroaniline	14.643	138	49240	32.027	ng	99
54) 2,4-Dinitrophenol	14.849	184	88396	95.549	ng	# 87
55) Dibenzofuran	15.143	168	355651	42.737	ng	99
56) 4-Nitrophenol	14.955	139	115560	98.553	ng	# 78
57) 2,4-Dinitrotoluene	15.101	165	96645	46.688	ng	93
58) Fluorene	15.789	166	292710	43.550	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.372	232	97158	46.012	ng	98
60) Diethylphthalate	15.548	149	323081	44.243	ng	99
61) 4-Chlorophenyl-phenyle...	15.777	204	163109	42.809	ng	97
62) 4-Nitroaniline	15.806	138	71776	44.242	ng	# 80
63) Azobenzene	16.071	77	314393	42.703	ng	97
65) 4,6-Dinitro-2-methylph...	15.865	198	61982	40.577	ng	95
66) n-Nitrosodiphenylamine	15.988	169	268885	42.707	ng	98
67) 4-Bromophenyl-phenylether	16.670	248	119584	42.626	ng	97
68) Hexachlorobenzene	16.799	284	136073	44.788	ng	98
69) Atrazine	16.934	200	122717	49.897	ng	96
70) Pentachlorophenol	17.140	266	159418	96.010	ng	93
71) Phenanthrene	17.533	178	522325	43.676	ng	98
72) Anthracene	17.622	178	532738	44.965	ng	99
73) Carbazole	17.886	167	495375	43.013	ng	98
74) Di-n-butylphthalate	18.438	149	580186	44.419	ng	98
75) Fluoranthene	19.537	202	691493	45.108	ng	99
77) Benzidine	19.707	184	373695	58.990	ng	100
78) Pyrene	19.901	202	689844	43.625	ng	98
80) Butylbenzylphthalate	20.776	149	254160	43.112	ng	96
81) Benzo(a)anthracene	21.757	228	672793	44.318	ng	99
82) 3,3'-Dichlorobenzidine	21.663	252	170458	30.531	ng	99
83) Chrysene	21.822	228	617797	43.850	ng	99
84) Bis(2-ethylhexyl)phtha...	21.645	149	348078	43.680	ng	98
85) Di-n-octyl phthalate	22.885	149	589481	44.230	ng	97
87) Indeno(1,2,3-cd)pyrene	28.871	276	730921	42.814	ng	# 63
88) Benzo(b)fluoranthene	24.030	252	672575m	46.390	ng	
89) Benzo(k)fluoranthene	24.095	252	663181	46.541	ng	99
90) Benzo(a)pyrene	24.923	252	648178	52.478	ng	98
91) Dibenzo(a,h)anthracene	28.930	278	641317	45.641	ng	97
92) Benzo(g,h,i)perylene	30.046	276	630842	45.550	ng	98

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

