

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041624\
 Data File : BG060911.D
 Acq On : 16 Apr 2024 13:10
 Operator : MA/JU
 Sample : PB160246BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160246BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/17/2024
 Supervised By :mohammad ahmed 04/18/2024

Quant Time: Apr 17 01:16:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	57254	20.000	ng	-0.01
21) Naphthalene-d8	10.743	136	244157	20.000	ng	-0.01
39) Acenaphthene-d10	14.580	164	192896	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	462252	20.000	ng	-0.01
76) Chrysene-d12	21.589	240	415335	20.000	ng	-0.01
86) Perylene-d12	24.721	264	451610	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	419315	122.006	ng	0.00
7) Phenol-d6	7.118	99	593781	116.391	ng	0.00
23) Nitrobenzene-d5	9.104	82	391580	91.516	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	359103	163.998	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	1001017	76.161	ng	-0.01
79) Terphenyl-d14	19.950	244	1862985	78.982	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	39262	27.864	ng	97
3) Pyridine	3.840	79	98482	23.170	ng	91
4) n-Nitrosodimethylamine	3.757	42	97120	38.227	ng	92
6) Aniline	7.271	93	153942	23.895	ng	97
8) 2-Chlorophenol	7.518	128	168641	43.282	ng	96
9) Benzaldehyde	7.089	77	22291m	7.924	ng	
10) Phenol	7.147	94	219996	42.254	ng	95
11) bis(2-Chloroethyl)ether	7.371	93	147681	35.132	ng	94
12) 1,3-Dichlorobenzene	7.841	146	162421	40.085	ng	97
13) 1,4-Dichlorobenzene	7.982	146	170066	41.140	ng	99
14) 1,2-Dichlorobenzene	8.299	146	164678	40.650	ng	99
15) Benzyl Alcohol	8.182	79	169968	41.130	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.469	45	366996	38.686	ng	100
17) 2-Methylphenol	8.393	107	150981	38.413	ng	98
18) Hexachloroethane	9.028	117	59918	40.811	ng	89
19) n-Nitroso-di-n-propyla...	8.751	70	137272	35.284	ng	99
20) 3+4-Methylphenols	8.716	107	211918	39.373	ng	96
22) Acetophenone	8.769	105	264440	39.279	ng	# 98
24) Nitrobenzene	9.145	77	201353	42.606	ng	98
25) Isophorone	9.668	82	363304	36.864	ng	99
26) 2-Nitrophenol	9.856	139	91703	53.668	ng	# 92
27) 2,4-Dimethylphenol	9.921	122	127996	32.331	ng	98
28) bis(2-Chloroethoxy)met...	10.156	93	214663	36.894	ng	98
29) 2,4-Dichlorophenol	10.391	162	172033	47.322	ng	96
30) 1,2,4-Trichlorobenzene	10.608	180	180974	43.963	ng	99
31) Naphthalene	10.796	128	503937	38.156	ng	98
32) Benzoic acid	10.068	122	129849	49.113	ng	96
33) 4-Chloroaniline	10.896	127	107010	17.444	ng	96
34) Hexachlorobutadiene	11.084	225	129072	47.047	ng	98
35) Caprolactam	11.677	113	56599m	39.309	ng	
36) 4-Chloro-3-methylphenol	12.030	107	197254	42.474	ng	98
37) 2-Methylnaphthalene	12.400	142	368981	38.000	ng	99
38) 1-Methylnaphthalene	12.623	142	340441	37.113	ng	99
40) 1,2,4,5-Tetrachloroben...	12.770	216	245617	44.291	ng	99
41) Hexachlorocyclopentadiene	12.753	237	252937	89.701	ng	100
43) 2,4,6-Trichlorophenol	13.011	196	172249	48.238	ng	95

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44) 2,4,5-Trichlorophenol	13.082	196	188691	44.279	ng	96
46) 1,1'-Biphenyl	13.411	154	524328	38.483	ng	97
47) 2-Chloronaphthalene	13.452	162	411261	39.728	ng	97
48) 2-Nitroaniline	13.652	65	154135	46.233	ng	98
49) Acenaphthylene	14.298	152	685419	39.406	ng	100
50) Dimethylphthalate	14.039	163	574918	37.708	ng	99
51) 2,6-Dinitrotoluene	14.151	165	120991	44.589	ng	97
52) Acenaphthene	14.645	154	487568m	44.646	ng	
53) 3-Nitroaniline	14.480	138	88798	30.742	ng	# 95
54) 2,4-Dinitrophenol	14.686	184	153984	145.096	ng	90
55) Dibenzofuran	14.979	168	655357	38.045	ng	98
56) 4-Nitrophenol	14.797	139	208466	93.529	ng	92
57) 2,4-Dinitrotoluene	14.938	165	176550	49.546	ng	93
58) Fluorene	15.626	166	537268	38.862	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.203	232	180104	48.497	ng	97
60) Diethylphthalate	15.402	149	567506	36.997	ng	98
61) 4-Chlorophenyl-phenyle...	15.626	204	297181	40.631	ng	94
62) 4-Nitroaniline	15.643	138	129242	46.364	ng	93
63) Azobenzene	15.920	77	538263	36.011	ng	95
65) 4,6-Dinitro-2-methylph...	15.702	198	112079	57.177	ng	99
66) n-Nitrosodiphenylamine	15.837	169	506288	38.328	ng	98
67) 4-Bromophenyl-phenylether	16.519	248	210682	44.910	ng	96
68) Hexachlorobenzene	16.636	284	245814	46.417	ng	95
69) Atrazine	16.789	200	196037	42.439	ng	99
70) Pentachlorophenol	16.977	266	320894	92.864	ng	99
71) Phenanthrene	17.371	178	926458	38.537	ng	99
72) Anthracene	17.459	178	933765	38.246	ng	99
73) Carbazole	17.723	167	819362	38.063	ng	99
74) Di-n-butylphthalate	18.299	149	982854	36.623	ng	100
75) Fluoranthene	19.380	202	1119302	38.369	ng	97
77) Benzidine	19.556	184	231339	21.153	ng	98
78) Pyrene	19.739	202	1156192	39.803	ng	99
80) Butylbenzylphthalate	20.643	149	427475	40.342	ng	96
81) Benzo(a)anthracene	21.572	228	1159136	39.592	ng	99
82) 3,3'-Dichlorobenzidine	21.484	252	315842	31.950	ng	98
83) Chrysene	21.636	228	1109081	39.303	ng	99
84) Bis(2-ethylhexyl)phtha...	21.501	149	608788	36.047	ng	96
85) Di-n-octyl phthalate	22.694	149	1061146	38.568	ng	100
87) Indeno(1,2,3-cd)pyrene	28.287	276	1390804	43.733	ng	# 96
88) Benzo(b)fluoranthene	23.734	252	1145579	44.154	ng	# 98
89) Benzo(k)fluoranthene	23.799	252	1142721	43.031	ng	# 98
90) Benzo(a)pyrene	24.574	252	1063495	42.180	ng	99
91) Dibenzo(a,h)anthracene	28.352	278	1144084	42.676	ng	# 95
92) Benzo(g,h,i)perylene	29.392	276	1071168	41.074	ng	96

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

