

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
 Data File : BG056296.D
 Acq On : 16 Jan 2023 14:37
 Operator : CG/JU
 Sample : PB150241BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150241BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/17/2023
 Supervised By : Jagrut Upadhyay 01/17/2023

Quant Time: Jan 17 05:24:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	43258	20.000	ng	0.00
21) Naphthalene-d8	11.149	136	169181	20.000	ng	0.00
39) Acenaphthene-d10	14.927	164	141161	20.000	ng	0.00
64) Phenanthrene-d10	17.665	188	373286	20.000	ng	0.00
76) Chrysene-d12	21.966	240	351767	20.000	ng	# 0.00
86) Perylene-d12	25.409	264	372739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	366158	151.134	ng	0.01
7) Phenol-d6	7.454	99	509140	136.842	ng	0.00
23) Nitrobenzene-d5	9.492	82	276615	83.634	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	248315	138.896	ng	0.00
45) 2-Fluorobiphenyl	13.558	172	893174	87.374	ng	0.00
79) Terphenyl-d14	20.239	244	1805244	91.915	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.646	88	37133	33.556	ng	# 86
3) Pyridine	4.063	79	104901	31.124	ng	# 95
4) n-Nitrosodimethylamine	3.975	42	26496	38.645	ng	# 89
6) Aniline	7.630	93	151287	31.006	ng	98
8) 2-Chlorophenol	7.877	128	124968	51.835	ng	96
9) Benzaldehyde	7.436	77	73341	33.152	ng	97
10) Phenol	7.483	94	180570	47.855	ng	96
11) bis(2-Chloroethyl)ether	7.718	93	113240	44.286	ng	95
12) 1,3-Dichlorobenzene	8.206	146	140047	47.729	ng	98
13) 1,4-Dichlorobenzene	8.352	146	139820	47.453	ng	98
14) 1,2-Dichlorobenzene	8.676	146	138120	48.582	ng	97
15) Benzyl Alcohol	8.546	79	117856	43.524	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.846	45	23603m	52.235	ng	
17) 2-Methylphenol	8.746	107	123403	44.571	ng	95
18) Hexachloroethane	9.416	117	42756	47.767	ng	92
19) n-Nitroso-di-n-propyla...	9.116	70	90133	39.838	ng	99
20) 3+4-Methylphenols	9.075	107	170807	43.880	ng	97
22) Acetophenone	9.140	105	200741	41.964	ng	# 99
24) Nitrobenzene	9.533	77	134058	40.900	ng	100
25) Isophorone	10.051	82	271803	39.058	ng	# 94
26) 2-Nitrophenol	10.244	139	75746	45.167	ng	95
27) 2,4-Dimethylphenol	10.291	122	139437	45.586	ng	99
28) bis(2-Chloroethoxy)met...	10.532	93	156878	43.374	ng	100
29) 2,4-Dichlorophenol	10.785	162	159045	47.032	ng	99
30) 1,2,4-Trichlorobenzene	11.008	180	171757	44.757	ng	99
31) Naphthalene	11.202	128	392821	44.119	ng	100
32) Benzoic acid	10.421	122	93146	41.042	ng	96
33) 4-Chloroaniline	11.296	127	82737	19.463	ng	96
34) Hexachlorobutadiene	11.478	225	121777	44.122	ng	98
35) Caprolactam	12.060	113	50776m	44.349	ng	
36) 4-Chloro-3-methylphenol	12.389	107	152965	44.578	ng	98
37) 2-Methylnaphthalene	12.783	142	306668	40.791	ng	98
38) 1-Methylnaphthalene	12.994	142	291610	41.770	ng	98
40) 1,2,4,5-Tetrachloroben...	13.141	216	233071	44.053	ng	99
41) Hexachlorocyclopentadiene	13.118	237	303405	100.587	ng	98
43) 2,4,6-Trichlorophenol	13.370	196	162812	46.539	ng	99

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44) 2,4,5-Trichlorophenol	13.447	196	178766	43.197	ng	96
46) 1,1'-Biphenyl	13.770	154	456814	45.187	ng	97
47) 2-Chloronaphthalene	13.817	162	364254	45.648	ng	98
48) 2-Nitroaniline	14.011	65	76973	45.274	ng	97
49) Acenaphthylene	14.657	152	571215	43.989	ng	98
50) Dimethylphthalate	14.369	163	503732	44.205	ng	99
51) 2,6-Dinitrotoluene	14.492	165	108372	44.632	ng	99
52) Acenaphthene	14.992	154	423642m	50.162	ng	
53) 3-Nitroaniline	14.821	138	65188	28.209	ng	97
54) 2,4-Dinitrophenol	15.027	184	159519	91.961	ng	97
55) Dibenzofuran	15.327	168	615572	44.045	ng	98
56) 4-Nitrophenol	15.121	139	167688	94.351	ng	94
57) 2,4-Dinitrotoluene	15.280	165	158472	46.667	ng	88
58) Fluorene	15.967	166	494425	43.984	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.544	232	176662	45.465	ng	96
60) Diethylphthalate	15.720	149	474257	44.378	ng	98
61) 4-Chlorophenyl-phenyle...	15.949	204	306804	43.735	ng	99
62) 4-Nitroaniline	15.985	138	103535	43.738	ng	96
63) Azobenzene	16.243	77	361070	43.783	ng	98
65) 4,6-Dinitro-2-methylph...	16.038	198	107539	42.759	ng	97
66) n-Nitrosodiphenylamine	16.167	169	463880	44.789	ng	96
67) 4-Bromophenyl-phenylether	16.843	248	212121	44.625	ng	97
68) Hexachlorobenzene	16.972	284	212798	47.983	ng	98
69) Atrazine	17.101	200	230698	53.746	ng	97
70) Pentachlorophenol	17.313	266	278280	81.686	ng	96
71) Phenanthrene	17.706	178	863559	44.640	ng	98
72) Anthracene	17.800	178	878309	44.013	ng	99
73) Carbazole	18.065	167	768437	45.811	ng	99
74) Di-n-butylphthalate	18.593	149	784788	46.934	ng	100
75) Fluoranthene	19.698	202	1085188	43.005	ng	99
77) Benzidine	19.863	184	427462	34.676	ng	98
78) Pyrene	20.056	202	1102038	44.448	ng	99
80) Butylbenzylphthalate	20.920	149	330134	46.411	ng	97
81) Benzo(a)anthracene	21.942	228	1096099	44.364	ng	99
82) 3,3'-Dichlorobenzidine	21.843	252	260138	29.249	ng	98
83) Chrysene	22.013	228	1015214	43.867	ng	99
84) Bis(2-ethylhexyl)phtha...	21.807	149	468941	45.759	ng	99
85) Di-n-octyl phthalate	23.088	149	806599	46.623	ng	100
87) Indeno(1,2,3-cd)pyrene	29.381	276	1282012	47.293	ng	100
88) Benzo(b)fluoranthene	24.310	252	1150469	48.579	ng	98
89) Benzo(k)fluoranthene	24.381	252	1121238	47.544	ng	100
90) Benzo(a)pyrene	25.244	252	1015449	43.961	ng	100
91) Dibenzo(a,h)anthracene	29.445	278	1073864	47.250	ng	99
92) Benzo(g,h,i)perylene	30.632	276	1042359	47.295	ng	97

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

