

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG12222\
 Data File : BG056065.D
 Acq On : 22 Dec 2022 16:55
 Operator : CG/JU
 Sample : PB149663BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB149663BS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/23/2022

Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 23 05:18:23 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 23 05:09:54 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.356	152	8701	20.000	ng	0.00
21) Naphthalene-d8	11.188	136	37216	20.000	ng	# 0.00
39) Acenaphthene-d10	14.965	164	36737	20.000	ng	0.00
64) Phenanthrene-d10	17.703	188	107434	20.000	ng	# 0.00
76) Chrysene-d12	22.010	240	119215	20.000	ng	0.00
86) Perylene-d12	25.488	264	126104	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	58454	157.551	ng	0.00
7) Phenol-d6	7.492	99	74132	155.355	ng	0.00
23) Nitrobenzene-d5	9.531	82	47201	88.631	ng	0.00
42) 2,4,6-Tribromophenol	16.446	330	115038	129.863	ng	0.00
45) 2-Fluorobiphenyl	13.596	172	183247	69.957	ng	0.00
79) Terphenyl-d14	20.277	244	517556	76.729	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.690	88	4111	38.075	ng	96
3) Pyridine	4.108	79	11759	33.093	ng	93
4) n-Nitrosodimethylamine	4.014	42	12408	38.845	ng	88
6) Aniline	7.668	93	21521	37.669	ng	97
8) 2-Chlorophenol	7.915	128	23604	49.313	ng	88
9) Benzaldehyde	7.480	77	3767	12.570	ng	# 73
10) Phenol	7.521	94	26745	51.211	ng	96
11) bis(2-Chloroethyl)ether	7.756	93	15326	45.053	ng	93
12) 1,3-Dichlorobenzene	8.244	146	25258	40.792	ng	93
13) 1,4-Dichlorobenzene	8.391	146	25621	40.489	ng	100
14) 1,2-Dichlorobenzene	8.714	146	25889	42.809	ng	98
15) Benzyl Alcohol	8.585	79	23458	47.311	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.873	45	22411	50.618	ng	97
17) 2-Methylphenol	8.784	107	20276	49.345	ng	96
18) Hexachloroethane	9.454	117	7971	41.497	ng	# 77
19) n-Nitroso-di-n-propyla...	9.160	70	15246	44.574	ng	92
20) 3+4-Methylphenols	9.113	107	27920	47.615	ng	97
22) Acetophenone	9.184	105	35725	38.724	ng	99
24) Nitrobenzene	9.572	77	25333	47.259	ng	97
25) Isophorone	10.095	82	46063	41.249	ng	98
26) 2-Nitrophenol	10.289	139	15197	47.891	ng	92
27) 2,4-Dimethylphenol	10.330	122	25957m	48.706	ng	
28) bis(2-Chloroethoxy)met...	10.571	93	22988	46.577	ng	96
29) 2,4-Dichlorophenol	10.823	162	32862	43.444	ng	97
30) 1,2,4-Trichlorobenzene	11.047	180	36889	37.515	ng	94
31) Naphthalene	11.240	128	74461	37.919	ng	99
32) Benzoic acid	10.453	122	20536	45.304	ng	89
33) 4-Chloroaniline	11.334	127	22376	26.581	ng	97
34) Hexachlorobutadiene	11.517	225	31855	34.459	ng	96
35) Caprolactam	12.104	113	8920m	42.325	ng	
36) 4-Chloro-3-methylphenol	12.427	107	30827	43.462	ng	91
37) 2-Methylnaphthalene	12.821	142	64296	37.060	ng	98
38) 1-Methylnaphthalene	13.032	142	62158	36.777	ng	98
40) 1,2,4,5-Tetrachloroben...	13.179	216	57463	37.073	ng	98
41) Hexachlorocyclopentadiene	13.156	237	80290	91.308	ng	97
43) 2,4,6-Trichlorophenol	13.408	196	38721	42.202	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.479	196	42556	41.145	ng	98
46) 1,1'-Biphenyl	13.808	154	95430	38.323	ng	99
47) 2-Chloronaphthalene	13.855	162	75759	37.443	ng	95
48) 2-Nitroaniline	14.043	65	21001	52.380	ng	89
49) Acenaphthylene	14.695	152	120870	37.426	ng	99
50) Dimethylphthalate	14.407	163	117050	36.853	ng	97
51) 2,6-Dinitrotoluene	14.531	165	24862	50.584	ng	90
52) Acenaphthene	15.030	154	100448m	46.329	ng	
53) 3-Nitroaniline	14.860	138	16462	32.928	ng	# 91
54) 2,4-Dinitrophenol	15.065	184	40456	110.720	ng	# 78
55) Dibenzofuran	15.359	168	135319	37.114	ng	99
56) 4-Nitrophenol	15.153	139	38249	95.474	ng	97
57) 2,4-Dinitrotoluene	15.312	165	36224	48.825	ng	# 93
58) Fluorene	16.005	166	108428	36.380	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.576	232	48267	40.849	ng	99
60) Diethylphthalate	15.753	149	111651	35.966	ng	98
61) 4-Chlorophenyl-phenyle...	15.988	204	75479	37.175	ng	100
62) 4-Nitroaniline	16.017	138	23623	43.390	ng	96
63) Azobenzene	16.282	77	69961	37.026	ng	98
65) 4,6-Dinitro-2-methylph...	16.070	198	26333	51.310	ng	84
66) n-Nitrosodiphenylamine	16.199	169	103794	36.867	ng	99
67) 4-Bromophenyl-phenylether	16.881	248	57176	36.320	ng	98
68) Hexachlorobenzene	17.010	284	69357	35.768	ng	98
69) Atrazine	17.133	200	44683	35.052	ng	99
70) Pentachlorophenol	17.345	266	92974	83.870	ng	97
71) Phenanthrene	17.745	178	206157	36.617	ng	99
72) Anthracene	17.839	178	207076	37.177	ng	100
73) Carbazole	18.097	167	174108	37.900	ng	98
74) Di-n-butylphthalate	18.632	149	195039	36.508	ng	99
75) Fluoranthene	19.730	202	278844	35.369	ng	100
77) Benzidine	19.901	184	77958	37.236	ng	100
78) Pyrene	20.095	202	281309	38.996	ng	99
80) Butylbenzylphthalate	20.958	149	81818	40.026	ng	99
81) Benzo(a)anthracene	21.987	228	310830	37.052	ng	99
82) 3,3'-Dichlorobenzidine	21.887	252	115496	38.266	ng	95
83) Chrysene	22.057	228	291415	37.065	ng	99
84) Bis(2-ethylhexyl)phtha...	21.857	149	118069	38.878	ng	97
85) Di-n-octyl phthalate	23.156	149	197386	38.316	ng	99
87) Indeno(1,2,3-cd)pyrene	29.507	276	388498	38.312	ng	# 99
88) Benzo(b)fluoranthene	24.378	252	343758	42.121	ng	99
89) Benzo(k)fluoranthene	24.448	252	331191	40.674	ng	99
90) Benzo(a)pyrene	25.324	252	298965	43.337	ng	98
91) Dibenzo(a,h)anthracene	29.578	278	339743	40.029	ng	98
92) Benzo(g,h,i)perylene	30.776	276	327618	39.923	ng	98

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

