

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
 Data File : BG056076.D
 Acq On : 23 Dec 2022 12:36
 Operator : CG/JU
 Sample : PB149631BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149631BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/24/2022
 Supervised By : Yogesh Patel 12/26/2022

Quant Time: Dec 24 00:03:18 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	8014	20.000	ng	0.00
21) Naphthalene-d8	11.194	136	34811	20.000	ng	# 0.00
39) Acenaphthene-d10	14.966	164	34138	20.000	ng	0.00
64) Phenanthrene-d10	17.704	188	105265	20.000	ng	0.00
76) Chrysene-d12	22.017	240	121920	20.000	ng	0.00
86) Perylene-d12	25.501	264	127077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.877	112	54256	158.772	ng	0.00
7) Phenol-d6	7.492	99	67345	153.230	ng	0.00
23) Nitrobenzene-d5	9.531	82	44500	89.333	ng	0.00
42) 2,4,6-Tribromophenol	16.447	330	109913	133.524	ng	0.00
45) 2-Fluorobiphenyl	13.597	172	168236	69.116	ng	0.00
79) Terphenyl-d14	20.283	244	521091	75.539	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.691	88	3898	39.197	ng	96
3) Pyridine	4.108	79	10882	33.250	ng	# 92
4) n-Nitrosodimethylamine	4.020	42	11183	38.011	ng	# 84
6) Aniline	7.669	93	20271	38.523	ng	95
8) 2-Chlorophenol	7.915	128	21456	48.668	ng	88
9) Benzaldehyde	7.487	77	4158	15.064	ng	89
10) Phenol	7.516	94	24482	50.897	ng	98
11) bis(2-Chloroethyl)ether	7.757	93	14073	44.916	ng	89
12) 1,3-Dichlorobenzene	8.244	146	23724	41.599	ng	95
13) 1,4-Dichlorobenzene	8.391	146	23739	40.731	ng	93
14) 1,2-Dichlorobenzene	8.714	146	23632	42.427	ng	97
15) Benzyl Alcohol	8.585	79	21536	47.158	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.879	45	21232m	52.066	ng	
17) 2-Methylphenol	8.785	107	19000	50.204	ng	93
18) Hexachloroethane	9.461	117	7385	41.742	ng	88
19) n-Nitroso-di-n-propyla...	9.155	70	13704	43.500	ng	# 95
20) 3+4-Methylphenols	9.114	107	25825	47.817	ng	97
22) Acetophenone	9.185	105	33410	38.716	ng	100
24) Nitrobenzene	9.572	77	22783	45.438	ng	98
25) Isophorone	10.095	82	42511	40.698	ng	98
26) 2-Nitrophenol	10.289	139	14032	47.274	ng	97
27) 2,4-Dimethylphenol	10.330	122	23017m	46.173	ng	
28) bis(2-Chloroethoxy)met...	10.571	93	20567	44.551	ng	99
29) 2,4-Dichlorophenol	10.824	162	30515	43.128	ng	97
30) 1,2,4-Trichlorobenzene	11.047	180	33977	36.941	ng	92
31) Naphthalene	11.241	128	68889	37.505	ng	99
32) Benzoic acid	10.454	122	18047	42.896	ng	83
33) 4-Chloroaniline	11.335	127	20739	26.338	ng	96
34) Hexachlorobutadiene	11.523	225	29031	33.574	ng	94
35) Caprolactam	12.099	113	8550m	43.372	ng	
36) 4-Chloro-3-methylphenol	12.428	107	28636	43.162	ng	89
37) 2-Methylnaphthalene	12.821	142	60420	37.232	ng	96
38) 1-Methylnaphthalene	13.039	142	56968	36.035	ng	99
40) 1,2,4,5-Tetrachloroben...	13.180	216	52946	36.759	ng	99
41) Hexachlorocyclopentadiene	13.156	237	71547	87.560	ng	98
43) 2,4,6-Trichlorophenol	13.409	196	36089	42.327	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.479	196	39656	41.260	ng	95
46) 1,1'-Biphenyl	13.809	154	88612	38.295	ng	97
47) 2-Chloronaphthalene	13.856	162	69460	36.943	ng	96
48) 2-Nitroaniline	14.044	65	19166	51.493	ng	84
49) Acenaphthylene	14.696	152	112847	37.602	ng	99
50) Dimethylphthalate	14.408	163	110482	37.433	ng	99
51) 2,6-Dinitrotoluene	14.531	165	22945	50.238	ng	90
52) Acenaphthene	15.031	154	91754	45.541	ng	95
53) 3-Nitroaniline	14.860	138	16511	35.541	ng	# 92
54) 2,4-Dinitrophenol	15.066	184	36183	106.564	ng	# 75
55) Dibenzofuran	15.366	168	127893	37.748	ng	97
56) 4-Nitrophenol	15.148	139	36198	97.233	ng	97
57) 2,4-Dinitrotoluene	15.313	165	35366	51.298	ng	# 94
58) Fluorene	16.006	166	103500	37.370	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.577	232	45762	41.677	ng	99
60) Diethylphthalate	15.759	149	106820	37.029	ng	99
61) 4-Chlorophenyl-phenyle...	15.988	204	73344	38.874	ng	96
62) 4-Nitroaniline	16.018	138	22794	45.054	ng	99
63) Azobenzene	16.282	77	67478	38.431	ng	97
65) 4,6-Dinitro-2-methylph...	16.076	198	24749	49.217	ng	94
66) n-Nitrosodiphenylamine	16.200	169	99631	36.118	ng	99
67) 4-Bromophenyl-phenylether	16.881	248	54391	35.262	ng	96
68) Hexachlorobenzene	17.011	284	66609	35.059	ng	97
69) Atrazine	17.134	200	42865	34.319	ng	97
70) Pentachlorophenol	17.346	266	88186	81.190	ng	97
71) Phenanthrene	17.751	178	200849	36.409	ng	99
72) Anthracene	17.839	178	201819	36.980	ng	99
73) Carbazole	18.103	167	170293	37.834	ng	97
74) Di-n-butylphthalate	18.632	149	187576	35.834	ng	99
75) Fluoranthene	19.737	202	279899	36.234	ng	98
77) Benzidine	19.901	184	82935	38.734	ng	97
78) Pyrene	20.101	202	282136	38.243	ng	99
80) Butylbenzylphthalate	20.965	149	82336	39.386	ng	99
81) Benzo(a)anthracene	21.993	228	314475	36.655	ng	100
82) 3,3'-Dichlorobenzidine	21.893	252	114241	37.011	ng	100
83) Chrysene	22.064	228	294277	36.599	ng	99
84) Bis(2-ethylhexyl)phtha...	21.864	149	117635	37.875	ng	97
85) Di-n-octyl phthalate	23.168	149	201350	38.218	ng	99
87) Indeno(1,2,3-cd)pyrene	29.531	276	397107	38.861	ng	# 99
88) Benzo(b)fluoranthene	24.390	252	351109	42.692	ng	99
89) Benzo(k)fluoranthene	24.461	252	340322	41.475	ng	98
90) Benzo(a)pyrene	25.336	252	306023	44.021	ng	99
91) Dibenzo(a,h)anthracene	29.602	278	344034	40.224	ng	99
92) Benzo(g,h,i)perylene	30.800	276	333532	40.333	ng	99

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

