

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090822\
 Data File : BG054882.D
 Acq On : 8 Sep 2022 12:58
 Operator : CG/JU
 Sample : PB147503BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147503BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/09/2022
 Supervised By : Jagrut Upadhyay 09/09/2022

Quant Time: Sep 09 02:47:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 02:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	43278	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	182657	20.000	ng	0.00
39) Acenaphthene-d10	14.786	164	128270	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	299262	20.000	ng	0.00
76) Chrysene-d12	21.837	240	281834	20.000	ng	0.00
86) Perylene-d12	25.221	264	294763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	331209	133.267	ng	0.00
7) Phenol-d6	7.307	99	435682	128.185	ng	0.00
23) Nitrobenzene-d5	9.322	82	256237	73.644	ng	0.00
42) 2,4,6-Tribromophenol	16.279	330	208110	129.840	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	646923	75.804	ng	0.00
79) Terphenyl-d14	20.133	244	1148284	80.728	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.517	88	32533	27.413	ng	98
3) Pyridine	3.928	79	92261	27.872	ng	94
4) n-Nitrosodimethylamine	3.846	42	49443	34.554	ng	95
6) Aniline	7.465	93	168424	41.707	ng	95
8) 2-Chlorophenol	7.712	128	126853	46.717	ng	96
9) Benzaldehyde	7.277	77	79919m	35.876	ng	
10) Phenol	7.330	94	156316	44.721	ng	97
11) bis(2-Chloroethyl)ether	7.554	93	114459	40.716	ng	96
12) 1,3-Dichlorobenzene	8.035	146	129660	41.263	ng	97
13) 1,4-Dichlorobenzene	8.182	146	131274	41.417	ng	98
14) 1,2-Dichlorobenzene	8.505	146	130219	43.328	ng	98
15) Benzyl Alcohol	8.388	79	108069m	44.012	ng	
16) 2,2'-oxybis(1-Chloropr...	8.670	45	156890	35.667	ng	97
17) 2-Methylphenol	8.594	107	109696	45.582	ng	98
18) Hexachloroethane	9.234	117	45712	39.772	ng	94
19) n-Nitroso-di-n-propyla...	8.952	70	92943	39.765	ng	# 94
20) 3+4-Methylphenols	8.923	107	149171	44.700	ng	96
22) Acetophenone	8.975	105	183844	40.231	ng	# 96
24) Nitrobenzene	9.363	77	133586	38.091	ng	99
25) Isophorone	9.886	82	263242	40.576	ng	99
26) 2-Nitrophenol	10.080	139	70448	45.475	ng	99
27) 2,4-Dimethylphenol	10.133	122	118331	48.210	ng	96
28) bis(2-Chloroethoxy)met...	10.362	93	158087	42.763	ng	99
29) 2,4-Dichlorophenol	10.621	162	125578	44.981	ng	97
30) 1,2,4-Trichlorobenzene	10.832	180	127832	40.068	ng	97
31) Naphthalene	11.026	128	381551	38.934	ng	99
32) Benzoic acid	10.344	122	17577m	16.204	ng	
33) 4-Chloroaniline	11.132	127	139378	34.886	ng	97
34) Hexachlorobutadiene	11.296	225	85477	41.816	ng	99
35) Caprolactam	11.913	113	44723m	45.407	ng	
36) 4-Chloro-3-methylphenol	12.248	107	136280	44.639	ng	97
37) 2-Methylnaphthalene	12.624	142	276209	40.213	ng	98
38) 1-Methylnaphthalene	12.841	142	264233	39.540	ng	97
40) 1,2,4,5-Tetrachloroben...	12.982	216	158306	40.942	ng	99
41) Hexachlorocyclopentadiene	12.959	237	131403	64.080	ng	99
43) 2,4,6-Trichlorophenol	13.223	196	100069	38.991	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.300	196	112653	39.085	ng	98
46) 1,1'-Biphenyl	13.623	154	379117	39.801	ng	98
47) 2-Chloronaphthalene	13.670	162	279511	38.638	ng	99
48) 2-Nitroaniline	13.870	65	88348	38.969	ng	92
49) Acenaphthylene	14.516	152	467791	39.186	ng	100
50) Dimethylphthalate	14.234	163	389345	39.399	ng	99
51) 2,6-Dinitrotoluene	14.357	165	86389	42.740	ng	87
52) Acenaphthene	14.851	154	322662m	42.078	ng	
53) 3-Nitroaniline	14.692	138	81198	35.886	ng	93
54) 2,4-Dinitrophenol	14.904	184	80426	71.300	ng	95
55) Dibenzofuran	15.186	168	449187	39.865	ng	99
56) 4-Nitrophenol	15.009	139	133910	76.475	ng	93
57) 2,4-Dinitrotoluene	15.151	165	124462	44.518	ng	# 81
58) Fluorene	15.832	166	377674	39.787	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.409	232	96439	37.118	ng	99
60) Diethylphthalate	15.585	149	386808	39.199	ng	97
61) 4-Chlorophenyl-phenyle...	15.814	204	196113	41.880	ng	98
62) 4-Nitroaniline	15.861	138	95851	41.491	ng	96
63) Azobenzene	16.114	77	337006	35.936	ng	94
65) 4,6-Dinitro-2-methylph...	15.914	198	64672	42.455	ng	94
66) n-Nitrosodiphenylamine	16.032	169	344426	39.909	ng	99
67) 4-Bromophenyl-phenylether	16.713	248	141121	42.951	ng	97
68) Hexachlorobenzene	16.837	284	157876	42.743	ng	95
69) Atrazine	16.978	200	138097	45.357	ng	98
70) Pentachlorophenol	17.183	266	144296	71.901	ng	99
71) Phenanthrene	17.577	178	622720	39.062	ng	100
72) Anthracene	17.671	178	629106	40.589	ng	99
73) Carbazole	17.941	167	591705	41.436	ng	99
74) Di-n-butylphthalate	18.476	149	698386	38.649	ng	99
75) Fluoranthene	19.587	202	777213	40.076	ng	98
77) Benzidine	19.757	184	454414	65.096	ng	99
78) Pyrene	19.945	202	776308	39.503	ng	99
80) Butylbenzylphthalate	20.814	149	306679	37.413	ng	95
81) Benzo(a)anthracene	21.813	228	749167	39.205	ng	99
82) 3,3'-Dichlorobenzidine	21.725	252	260496	38.881	ng	98
83) Chrysene	21.884	228	704920	38.581	ng	99
84) Bis(2-ethylhexyl)phtha...	21.690	149	453415	38.392	ng	98
85) Di-n-octyl phthalate	22.953	149	766828	38.287	ng	# 93
87) Indeno(1,2,3-cd)pyrene	29.134	276	905208	40.452	ng	# 94
88) Benzo(b)fluoranthene	24.140	252	800246	43.278	ng	98
89) Benzo(k)fluoranthene	24.210	252	781542	41.998	ng	98
90) Benzo(a)pyrene	25.062	252	709227	44.894	ng	99
91) Dibenzo(a,h)anthracene	29.199	278	787515	43.197	ng	99
92) Benzo(g,h,i)perylene	30.362	276	781903	42.455	ng	96

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

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