

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081723\
 Data File : BG058758.D
 Acq On : 17 Aug 2023 11:54
 Operator : MA/JU
 Sample : PB154866BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154866BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/18/2023
 Supervised By :mohammad ahmed 08/18/2023

Quant Time: Aug 18 01:51:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	23981	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	108772	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	78957	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	201680	20.000	ng	# 0.00
76) Chrysene-d12	21.451	240	171960	20.000	ng	0.00
86) Perylene-d12	24.518	264	213741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	220812	140.737	ng	0.00
7) Phenol-d6	6.986	99	303765	139.138	ng	0.00
23) Nitrobenzene-d5	8.977	82	187148	84.523	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	162335	125.436	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	447356	84.908	ng	0.00
79) Terphenyl-d14	19.823	244	833841	91.188	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.260	88	25680	33.777	ng	# 87
3) Pyridine	3.660	79	65138	31.425	ng	# 77
4) n-Nitrosodimethylamine	3.578	42	44755	50.960	ng	# 74
6) Aniline	7.138	93	97950	36.441	ng	96
8) 2-Chlorophenol	7.379	128	83426	54.201	ng	98
9) Benzaldehyde	6.950	77	37097	31.276	ng	95
10) Phenol	7.009	94	112397	52.703	ng	93
11) bis(2-Chloroethyl)ether	7.232	93	77048	45.827	ng	92
12) 1,3-Dichlorobenzene	7.696	146	78922	48.018	ng	96
13) 1,4-Dichlorobenzene	7.843	146	80265	48.637	ng	97
14) 1,2-Dichlorobenzene	8.161	146	78158	49.536	ng	97
15) Benzyl Alcohol	8.055	79	83201	60.093	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.337	45	165897	60.744	ng	93
17) 2-Methylphenol	8.260	107	77007	49.384	ng	97
18) Hexachloroethane	8.883	117	29732	49.567	ng	92
19) n-Nitroso-di-n-propyla...	8.619	70	66945	47.473	ng	89
20) 3+4-Methylphenols	8.590	107	105679	50.103	ng	97
22) Acetophenone	8.637	105	129936	44.613	ng	# 94
24) Nitrobenzene	9.018	77	101563	45.119	ng	95
25) Isophorone	9.535	82	196230	42.893	ng	99
26) 2-Nitrophenol	9.729	139	45728	46.668	ng	# 95
27) 2,4-Dimethylphenol	9.788	122	75454	46.424	ng	95
28) bis(2-Chloroethoxy)met...	10.023	93	109457	43.964	ng	99
29) 2,4-Dichlorophenol	10.264	162	83504	49.482	ng	97
30) 1,2,4-Trichlorobenzene	10.476	180	89320	45.895	ng	97
31) Naphthalene	10.664	128	251290	43.833	ng	99
32) Benzoic acid	9.959	122	44027m	36.673	ng	
33) 4-Chloroaniline	10.781	127	73881	30.502	ng	99
34) Hexachlorobutadiene	10.940	225	58500	46.676	ng	97
35) Caprolactam	11.557	113	29225m	46.897	ng	
36) 4-Chloro-3-methylphenol	11.909	107	102847	49.267	ng	96
37) 2-Methylnaphthalene	12.273	142	178346	43.490	ng	97
38) 1-Methylnaphthalene	12.497	142	173046	44.391	ng	98
40) 1,2,4,5-Tetrachloroben...	12.649	216	108725	44.853	ng	99
41) Hexachlorocyclopentadiene	12.620	237	92920	82.314	ng	95
43) 2,4,6-Trichlorophenol	12.890	196	77570	46.524	ng	96

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44) 2,4,5-Trichlorophenol	12.973	196	84561	43.059	ng	96
46) 1,1'-Biphenyl	13.290	154	243237	44.858	ng	99
47) 2-Chloronaphthalene	13.331	162	195276	46.188	ng	99
48) 2-Nitroaniline	13.543	65	78055	48.369	ng	96
49) Acenaphthylene	14.183	152	329445	46.542	ng	99
50) Dimethylphthalate	13.919	163	274160	46.234	ng	99
51) 2,6-Dinitrotoluene	14.042	165	61644	47.378	ng	97
52) Acenaphthene	14.524	154	185563	45.370	ng	98
53) 3-Nitroaniline	14.377	138	45056	34.612	ng	# 98
54) 2,4-Dinitrophenol	14.594	184	61750	83.797	ng	97
55) Dibenzofuran	14.859	168	321235	45.708	ng	97
56) 4-Nitrophenol	14.694	139	86150	88.925	ng	85
57) 2,4-Dinitrotoluene	14.835	165	87781	48.664	ng	92
58) Fluorene	15.505	166	261590	46.854	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.088	232	78958m	47.118	ng	
60) Diethylphthalate	15.276	149	287558	47.601	ng	97
61) 4-Chlorophenyl-phenyle...	15.499	204	143042	45.955	ng	96
62) 4-Nitroaniline	15.540	138	61724	50.054	ng	90
63) Azobenzene	15.793	77	265087	44.551	ng	98
65) 4,6-Dinitro-2-methylph...	15.605	198	51876	46.649	ng	98
66) n-Nitrosodiphenylamine	15.716	169	233160	44.418	ng	99
67) 4-Bromophenyl-phenylether	16.392	248	99133	43.337	ng	96
68) Hexachlorobenzene	16.515	284	110437	45.561	ng	99
69) Atrazine	16.668	200	99235	56.002	ng	99
70) Pentachlorophenol	16.862	266	101236	69.001	ng	99
71) Phenanthrene	17.250	178	432751	45.245	ng	99
72) Anthracene	17.338	178	439122	44.744	ng	98
73) Carbazole	17.614	167	408130	47.159	ng	98
74) Di-n-butylphthalate	18.161	149	510462	47.091	ng	99
75) Fluoranthene	19.265	202	527971	45.954	ng	97
77) Benzidine	19.447	184	195769	75.076	ng	98
78) Pyrene	19.624	202	538087	45.979	ng	98
80) Butylbenzylphthalate	20.511	149	223066	46.404	ng	97
81) Benzo(a)anthracene	21.433	228	545163	46.067	ng	98
82) 3,3'-Dichlorobenzidine	21.351	252	170586	42.633	ng	99
83) Chrysene	21.492	228	502037	44.246	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	325317	46.311	ng	100
85) Di-n-octyl phthalate	22.479	149	568414	46.024	ng	96
87) Indeno(1,2,3-cd)pyrene	28.026	276	669582	47.089	ng	97
88) Benzo(b)fluoranthene	23.548	252	575461	49.639	ng	100
89) Benzo(k)fluoranthene	23.613	252	553692	47.543	ng	99
90) Benzo(a)pyrene	24.377	252	510498	44.840	ng	99
91) Dibenzo(a,h)anthracene	28.078	278	558392	47.492	ng	98
92) Benzo(g,h,i)perylene	29.118	276	532187	45.139	ng	97

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

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