

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
 Data File : BG058636.D
 Acq On : 8 Aug 2023 10:12
 Operator : MA/JU
 Sample : PB154526BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154526BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

Quant Time: Aug 09 04:07:04 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	7.811	152	45507	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	204621	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	149776	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	368042	20.000	ng	0.00
76) Chrysene-d12	21.454	240	322897	20.000	ng	0.00
86) Perylene-d12	24.527	264	409959	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	447131	150.179	ng	0.00
7) Phenol-d6	6.989	99	623466	150.491	ng	0.00
23) Nitrobenzene-d5	8.980	82	369331	88.669	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	328334	133.744	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	867687	86.817	ng	0.00
79) Terphenyl-d14	19.827	244	1616923	94.168	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	49499	34.310	ng	98
3) Pyridine	3.663	79	127366	32.381	ng	99
4) n-Nitrosodimethylamine	3.581	42	73208	43.927	ng	97
6) Aniline	7.141	93	210201	41.210	ng	99
8) 2-Chlorophenol	7.376	128	163169	55.864	ng	98
9) Benzaldehyde	6.953	77	67000	29.767	ng	98
10) Phenol	7.018	94	230259	56.897	ng	98
11) bis(2-Chloroethyl)ether	7.235	93	157386	49.330	ng	97
12) 1,3-Dichlorobenzene	7.700	146	149594	47.964	ng	98
13) 1,4-Dichlorobenzene	7.846	146	154095	49.206	ng	95
14) 1,2-Dichlorobenzene	8.164	146	150443	50.247	ng	100
15) Benzyl Alcohol	8.052	79	156567	59.592	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.340	45	265358	51.202	ng	99
17) 2-Methylphenol	8.264	107	157071	53.082	ng	96
18) Hexachloroethane	8.886	117	55907	49.116	ng	93
19) n-Nitroso-di-n-propyla...	8.622	70	134801	50.374	ng	99
20) 3+4-Methylphenols	8.593	107	221991	55.462	ng	98
22) Acetophenone	8.640	105	259068	47.284	ng	99
24) Nitrobenzene	9.022	77	193417	45.676	ng	96
25) Isophorone	9.539	82	399228	46.388	ng	99
26) 2-Nitrophenol	9.732	139	90528	49.112	ng	97
27) 2,4-Dimethylphenol	9.791	122	151413	49.521	ng	99
28) bis(2-Chloroethoxy)met...	10.026	93	224852	48.009	ng	99
29) 2,4-Dichlorophenol	10.267	162	165342	52.082	ng	99
30) 1,2,4-Trichlorobenzene	10.479	180	168971	46.153	ng	97
31) Naphthalene	10.667	128	493369	45.747	ng	100
32) Benzoic acid	9.967	122	113969	48.748	ng	97
33) 4-Chloroaniline	10.778	127	146533	32.159	ng	99
34) Hexachlorobutadiene	10.943	225	105345	44.680	ng	97
35) Caprolactam	11.566	113	62731m	53.511	ng	
36) 4-Chloro-3-methylphenol	11.912	107	206828	52.667	ng	99
37) 2-Methylnaphthalene	12.277	142	351688	45.588	ng	95
38) 1-Methylnaphthalene	12.500	142	340204	46.392	ng	99
40) 1,2,4,5-Tetrachloroben...	12.653	216	205463	44.683	ng	99
41) Hexachlorocyclopentadiene	12.623	237	200608	92.742	ng	97
43) 2,4,6-Trichlorophenol	12.893	196	154215	48.760	ng	98

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44) 2,4,5-Trichlorophenol	12.970	196	167642	45.001	ng	97
46) 1,1'-Biphenyl	13.293	154	472797	45.966	ng	100
47) 2-Chloronaphthalene	13.340	162	375127	46.774	ng	99
48) 2-Nitroaniline	13.546	65	150967	49.317	ng	96
49) Acenaphthylene	14.186	152	638936	47.585	ng	99
50) Dimethylphthalate	13.922	163	533296	47.410	ng	100
51) 2,6-Dinitrotoluene	14.045	165	120855	48.966	ng	99
52) Acenaphthene	14.527	154	356337	45.928	ng	98
53) 3-Nitroaniline	14.374	138	89904	36.408	ng	96
54) 2,4-Dinitrophenol	14.592	184	147363	103.490	ng	99
55) Dibenzofuran	14.862	168	611758	45.888	ng	98
56) 4-Nitrophenol	14.697	139	187455	101.514	ng	97
57) 2,4-Dinitrotoluene	14.838	165	173029	50.567	ng	99
58) Fluorene	15.508	166	493086	46.558	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.091	232	155680	48.974	ng	99
60) Diethylphthalate	15.285	149	549649	47.965	ng	99
61) 4-Chlorophenyl-phenyle...	15.502	204	271583	45.996	ng	99
62) 4-Nitroaniline	15.543	138	123875	52.956	ng	98
63) Azobenzene	15.796	77	527124	46.701	ng	98
65) 4,6-Dinitro-2-methylph...	15.602	198	107242	52.846	ng	96
66) n-Nitrosodiphenylamine	15.720	169	444271	46.379	ng	99
67) 4-Bromophenyl-phenylether	16.395	248	189221	45.329	ng	99
68) Hexachlorobenzene	16.513	284	213129	48.182	ng	99
69) Atrazine	16.671	200	184517	57.061	ng	97
70) Pentachlorophenol	16.859	266	229563	85.741	ng	99
71) Phenanthrene	17.253	178	816640	46.788	ng	100
72) Anthracene	17.341	178	830522	46.374	ng	99
73) Carbazole	17.611	167	781886	49.508	ng	100
74) Di-n-butylphthalate	18.164	149	967819	48.925	ng	100
75) Fluoranthene	19.262	202	1011987	48.268	ng	99
77) Benzidine	19.451	184	425610	86.923	ng	98
78) Pyrene	19.627	202	1032850	47.001	ng	99
80) Butylbenzylphthalate	20.514	149	426008	47.196	ng	100
81) Benzo(a)anthracene	21.431	228	1052744	47.375	ng	99
82) 3,3'-Dichlorobenzidine	21.354	252	315297	41.965	ng	99
83) Chrysene	21.495	228	985424	46.252	ng	99
84) Bis(2-ethylhexyl)phtha...	21.337	149	619019	46.929	ng	98
85) Di-n-octyl phthalate	22.488	149	1100608	47.459	ng	99
87) Indeno(1,2,3-cd)pyrene	28.029	276	1341304	49.180	ng	100
88) Benzo(b)fluoranthene	23.552	252	1112297	50.024	ng	99
89) Benzo(k)fluoranthene	23.616	252	1085814	48.609	ng	100
90) Benzo(a)pyrene	24.380	252	1005292	46.037	ng	98
91) Dibenzo(a,h)anthracene	28.082	278	1116095	49.492	ng	99
92) Benzo(g,h,i)perylene	29.122	276	1094431	48.398	ng	98

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

