

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
 Data File : BG058523.D
 Acq On : 28 Jul 2023 18:18
 Operator : MA/JU
 Sample : PB154164BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154164BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2023
 Supervised By :mohammad ahmed 07/29/2023

Quant Time: Jul 28 22:54:22 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	7.814	152	48319	20.000	ng	0.00
21) Naphthalene-d8	10.617	136	198383	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	135426	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	343912	20.000	ng	0.00
76) Chrysene-d12	21.446	240	296903	20.000	ng	0.00
86) Perylene-d12	24.513	264	380527	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.388	112	448829	141.976	ng	0.00
7) Phenol-d6	6.992	99	591866	134.549	ng	0.00
23) Nitrobenzene-d5	8.978	82	354848	87.870	ng	0.00
42) 2,4,6-Tribromophenol	15.958	330	294099	132.493	ng	0.00
45) 2-Fluorobiphenyl	13.085	172	785060	86.873	ng	0.00
79) Terphenyl-d14	19.824	244	1429823	90.562	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.267	88	58932	38.471	ng	97
3) Pyridine	3.661	79	146653	35.114	ng	98
4) n-Nitrosodimethylamine	3.584	42	76507	43.235	ng	99
6) Aniline	7.139	93	224484	41.449	ng	99
8) 2-Chlorophenol	7.380	128	158276	51.035	ng	98
9) Benzaldehyde	6.951	77	100473	42.040	ng	95
10) Phenol	7.015	94	215594	50.173	ng	97
11) bis(2-Chloroethyl)ether	7.239	93	153151	45.209	ng	99
12) 1,3-Dichlorobenzene	7.703	146	157900	47.680	ng	99
13) 1,4-Dichlorobenzene	7.850	146	161223	48.486	ng	95
14) 1,2-Dichlorobenzene	8.167	146	157186	49.443	ng	98
15) Benzyl Alcohol	8.055	79	141892	50.863	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.337	45	253642	46.093	ng	99
17) 2-Methylphenol	8.261	107	145732	46.384	ng	98
18) Hexachloroethane	8.890	117	57389	47.484	ng	92
19) n-Nitroso-di-n-propyla...	8.619	70	127178	44.760	ng	98
20) 3+4-Methylphenols	8.590	107	198919	46.806	ng	98
22) Acetophenone	8.637	105	244597	46.047	ng	99
24) Nitrobenzene	9.019	77	183259	44.638	ng	98
25) Isophorone	9.542	82	361862	43.369	ng	100
26) 2-Nitrophenol	9.730	139	83882	46.937	ng	98
27) 2,4-Dimethylphenol	9.795	122	150747	50.854	ng	96
28) bis(2-Chloroethoxy)met...	10.024	93	208606	45.940	ng	97
29) 2,4-Dichlorophenol	10.270	162	151082	49.087	ng	99
30) 1,2,4-Trichlorobenzene	10.476	180	165571	46.646	ng	99
31) Naphthalene	10.664	128	472520	45.192	ng	100
32) Benzoic acid	9.953	122	95576	42.782	ng	98
33) 4-Chloroaniline	10.776	127	144117	32.623	ng	99
34) Hexachlorobutadiene	10.946	225	103862	45.437	ng	97
35) Caprolactam	11.563	113	55481m	48.814	ng	
36) 4-Chloro-3-methylphenol	11.910	107	181702	47.724	ng	97
37) 2-Methylnaphthalene	12.280	142	322373	43.102	ng	99
38) 1-Methylnaphthalene	12.497	142	309059	43.470	ng	97
40) 1,2,4,5-Tetrachloroben...	12.650	216	184627	44.406	ng	99
41) Hexachlorocyclopentadiene	12.627	237	212676	107.564	ng	98
43) 2,4,6-Trichlorophenol	12.897	196	136050	47.574	ng	99

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44) 2,4,5-Trichlorophenol	12.973	196	148112	43.972	ng	98
46) 1,1'-Biphenyl	13.290	154	423394	45.524	ng	100
47) 2-Chloronaphthalene	13.337	162	336277	46.373	ng	99
48) 2-Nitroaniline	13.543	65	131962	47.677	ng	97
49) Acenaphthylene	14.184	152	554306	45.657	ng	100
50) Dimethylphthalate	13.919	163	455760	44.810	ng	100
51) 2,6-Dinitrotoluene	14.042	165	104032	46.616	ng	99
52) Acenaphthene	14.524	154	320811	45.731	ng	99
53) 3-Nitroaniline	14.377	138	88566	39.667	ng	95
54) 2,4-Dinitrophenol	14.589	184	117358	92.044	ng	97
55) Dibenzofuran	14.865	168	546254	45.316	ng	100
56) 4-Nitrophenol	14.695	139	171594	102.730	ng	98
57) 2,4-Dinitrotoluene	14.836	165	151277	48.895	ng	99
58) Fluorene	15.511	166	437500	45.687	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.088	232	139626	48.578	ng	98
60) Diethylphthalate	15.282	149	476732	46.010	ng	99
61) 4-Chlorophenyl-phenyle...	15.500	204	241961	45.321	ng	99
62) 4-Nitroaniline	15.541	138	107439	50.796	ng	96
63) Azobenzene	15.799	77	465624	45.624	ng	98
65) 4,6-Dinitro-2-methylph...	15.599	198	92063	48.549	ng	99
66) n-Nitrosodiphenylamine	15.723	169	395768	44.215	ng	99
67) 4-Bromophenyl-phenylether	16.399	248	167962	43.059	ng	98
68) Hexachlorobenzene	16.516	284	190601	46.112	ng	99
69) Atrazine	16.669	200	166913	55.239	ng	99
70) Pentachlorophenol	16.863	266	218075	87.165	ng	98
71) Phenanthrene	17.250	178	736605	45.163	ng	100
72) Anthracene	17.339	178	752063	44.939	ng	100
73) Carbazole	17.615	167	706217	47.855	ng	100
74) Di-n-butylphthalate	18.167	149	853670	46.183	ng	100
75) Fluoranthene	19.266	202	882901	45.065	ng	98
77) Benzidine	19.448	184	432258	96.009	ng	99
78) Pyrene	19.630	202	903439	44.712	ng	99
80) Butylbenzylphthalate	20.511	149	377481	45.481	ng	98
81) Benzo(a)anthracene	21.428	228	927848	45.410	ng	100
82) 3,3'-Dichlorobenzidine	21.352	252	292610	42.355	ng	99
83) Chrysene	21.493	228	856314	43.711	ng	100
84) Bis(2-ethylhexyl)phtha...	21.334	149	547971	45.180	ng	98
85) Di-n-octyl phthalate	22.486	149	980044	45.960	ng	100
87) Indeno(1,2,3-cd)pyrene	28.014	276	1186708	46.877	ng #	92
88) Benzo(b)fluoranthene	23.543	252	975136	47.247	ng	99
89) Benzo(k)fluoranthene	23.608	252	974023	46.977	ng	100
90) Benzo(a)pyrene	24.372	252	880460	43.439	ng	99
91) Dibenzo(a,h)anthracene	28.061	278	980682	46.850	ng	99
92) Benzo(g,h,i)perylene	29.107	276	975668	46.483	ng	98

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

