

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
 Data File : BG055347.D
 Acq On : 28 Oct 2022 18:41
 Operator : CG/JU
 Sample : N5256-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-F2-COMPMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/31/2022
 Supervised By : Jagrut Upadhyay 11/01/2022

Quant Time: Oct 29 04:55:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.260	152	32926	20.000	ng	0.00
21) Naphthalene-d8	11.092	136	147258	20.000	ng	0.00
39) Acenaphthene-d10	14.876	164	102154	20.000	ng	0.00
64) Phenanthrene-d10	17.614	188	230015	20.000	ng	# 0.00
76) Chrysene-d12	21.886	240	214270	20.000	ng	0.00
86) Perylene-d12	25.282	264	231337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.787	112	257218	136.786	ng	0.00
7) Phenol-d6	7.414	99	356408	130.824	ng	0.00
23) Nitrobenzene-d5	9.435	82	213308	73.967	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	160222	144.279	ng	0.00
45) 2-Fluorobiphenyl	13.507	172	501469	80.347	ng	0.00
79) Terphenyl-d14	20.182	244	852728	82.685	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.595	88	34901	38.439	ng	99
3) Pyridine	4.012	79	91140	33.333	ng	94
4) n-Nitrosodimethylamine	3.924	42	44572	36.692	ng	# 94
6) Aniline	7.579	93	133957	37.560	ng	100
8) 2-Chlorophenol	7.826	128	108139	49.465	ng	96
9) Benzaldehyde	7.391	77	51868	27.885	ng	98
10) Phenol	7.438	94	142454	46.683	ng	99
11) bis(2-Chloroethyl)ether	7.667	93	96007	41.678	ng	99
12) 1,3-Dichlorobenzene	8.155	146	110718	46.416	ng	95
13) 1,4-Dichlorobenzene	8.301	146	111695	45.844	ng	98
14) 1,2-Dichlorobenzene	8.625	146	108243	46.144	ng	99
15) Benzyl Alcohol	8.501	79	98811m	43.342	ng	
16) 2,2'-oxybis(1-Chloropr...	8.783	45	144989	38.461	ng	96
17) 2-Methylphenol	8.701	107	98531	45.656	ng	97
18) Hexachloroethane	9.359	117	39338	45.343	ng	93
19) n-Nitroso-di-n-propyla...	9.065	70	88460	39.102	ng	97
20) 3+4-Methylphenols	9.030	107	136837	44.270	ng	99
22) Acetophenone	9.095	105	164205	43.616	ng	# 96
24) Nitrobenzene	9.482	77	124557	41.481	ng	98
25) Isophorone	10.005	82	243405	41.787	ng	95
26) 2-Nitrophenol	10.199	139	63972	48.649	ng	91
27) 2,4-Dimethylphenol	10.246	122	105361m	51.324	ng	
28) bis(2-Chloroethoxy)met...	10.475	93	141714	48.186	ng	98
29) 2,4-Dichlorophenol	10.740	162	112016	50.864	ng	96
30) 1,2,4-Trichlorobenzene	10.951	180	105761	47.054	ng	99
31) Naphthalene	11.145	128	336927	42.889	ng	100
32) Benzoic acid	10.399	122	50692	34.008	ng	98
33) 4-Chloroaniline	11.245	127	90777	27.029	ng	99
34) Hexachlorobutadiene	11.415	225	63399	49.368	ng	99
35) Caprolactam	12.015	113	40557m	39.680	ng	
36) 4-Chloro-3-methylphenol	12.350	107	128542	46.387	ng	99
37) 2-Methylnaphthalene	12.726	142	244072	43.093	ng	99
38) 1-Methylnaphthalene	12.943	142	233133	41.722	ng	99
40) 1,2,4,5-Tetrachloroben...	13.090	216	123677	50.197	ng	99
41) Hexachlorocyclopentadiene	13.061	237	142479	119.323	ng	97
43) 2,4,6-Trichlorophenol	13.325	196	89839	49.369	ng	99

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44) 2,4,5-Trichlorophenol	13.401	196	99225	49.298	ng	96
46) 1,1'-Biphenyl	13.719	154	333554	47.607	ng	99
47) 2-Chloronaphthalene	13.766	162	253382	45.861	ng	97
48) 2-Nitroaniline	13.965	65	87312	40.409	ng	92
49) Acenaphthylene	14.606	152	420315	44.070	ng	99
50) Dimethylphthalate	14.318	163	343623	42.843	ng	100
51) 2,6-Dinitrotoluene	14.447	165	75094	46.011	ng	91
52) Acenaphthene	14.941	154	278145m	45.752	ng	
53) 3-Nitroaniline	14.782	138	64823	31.601	ng	99
54) 2,4-Dinitrophenol	14.988	184	58473	62.143	ng	94
55) Dibenzofuran	15.270	168	404112	44.307	ng	99
56) 4-Nitrophenol	15.088	139	131026	89.305	ng	94
57) 2,4-Dinitrotoluene	15.235	165	108204	45.686	ng	86
58) Fluorene	15.916	166	325280	42.862	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.499	232	81838	45.608	ng	96
60) Diethylphthalate	15.669	149	361283	42.345	ng	98
61) 4-Chlorophenyl-phenylether	15.898	204	168824	48.409	ng	96
62) 4-Nitroaniline	15.940	138	86988	40.354	ng	96
63) Azobenzene	16.192	77	334962	40.300	ng	97
65) 4,6-Dinitro-2-methylph...	15.992	198	53275	42.132	ng	93
66) n-Nitrosodiphenylamine	16.116	169	293552	45.852	ng	99
67) 4-Bromophenyl-phenylether	16.792	248	111078	49.706	ng	95
68) Hexachlorobenzene	16.915	284	124515	49.280	ng	97
69) Atrazine	17.050	200	116935	53.714	ng	99
70) Pentachlorophenol	17.262	266	126274	88.194	ng	97
71) Phenanthrene	17.655	178	537100	43.785	ng	99
72) Anthracene	17.743	178	547881	45.687	ng	99
73) Carbazole	18.008	167	521726	45.232	ng	99
74) Di-n-butylphthalate	18.537	149	651519	45.187	ng	99
75) Fluoranthene	19.641	202	637952	44.631	ng	98
77) Benzidine	19.812	184	227587	43.867	ng	99
78) Pyrene	20.005	202	643429	43.810	ng	100
80) Butylbenzylphthalate	20.857	149	289131	41.660	ng	91
81) Benzo(a)anthracene	21.868	228	608321	42.278	ng	99
82) 3,3'-Dichlorobenzidine	21.768	252	168085	35.868	ng	99
83) Chrysene	21.938	228	566185	41.425	ng	99
84) Bis(2-ethylhexyl)phtha...	21.733	149	411753	41.531	ng	97
85) Di-n-octyl phthalate	22.990	149	689604	41.751	ng	96
87) Indeno(1,2,3-cd)pyrene	29.189	276	731936	42.838	ng	# 94
88) Benzo(b)fluoranthene	24.195	252	634226	45.577	ng	98
89) Benzo(k)fluoranthene	24.271	252	626907	44.616	ng	97
90) Benzo(a)pyrene	25.123	252	562771	47.160	ng	99
91) Dibenzo(a,h)anthracene	29.248	278	638568	45.542	ng	97
92) Benzo(g,h,i)perylene	30.417	276	628118	45.164	ng	97

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

