

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057425.D
 Acq On : 13 May 2023 3:19
 Operator : CG/JU
 Sample : PB152709BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152709BS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

05/15/2023
 Supervised By :Yogesh
 Patel

Quant Time: May 13 03:58:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	15592	20.000	ng	0.00
21) Naphthalene-d8	11.198	136	66851	20.000	ng	0.00
39) Acenaphthene-d10	14.981	164	54851	20.000	ng	0.00
64) Phenanthrene-d10	17.719	188	139509	20.000	ng	0.00
76) Chrysene-d12	22.031	240	124179	20.000	ng	0.00
86) Perylene-d12	25.532	264	135062	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.882	112	142027	155.819	ng	0.00
7) Phenol-d6	7.509	99	208090	150.340	ng	0.00
23) Nitrobenzene-d5	9.542	82	129601	81.367	ng	0.00
42) 2,4,6-Tribromophenol	16.462	330	112710	144.820	ng	0.00
45) 2-Fluorobiphenyl	13.601	172	342601	84.121	ng	0.00
79) Terphenyl-d14	20.286	244	689882	90.662	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.673	88	13639	36.190	ng	97
3) Pyridine	4.096	79	37703	31.130	ng	95
4) n-Nitrosodimethylamine	4.008	42	22827	40.106	ng	95
6) Aniline	7.674	93	54336	30.945	ng	98
8) 2-Chlorophenol	7.926	128	51438	53.406	ng	98
9) Benzaldehyde	7.491	77	13949	14.564	ng	98
10) Phenol	7.533	94	71507	52.997	ng	97
11) bis(2-Chloroethyl)ether	7.762	93	46146	45.355	ng	97
12) 1,3-Dichlorobenzene	8.249	146	52326	49.224	ng	99
13) 1,4-Dichlorobenzene	8.396	146	53833	50.416	ng	94
14) 1,2-Dichlorobenzene	8.725	146	52429	50.863	ng	95
15) Benzyl Alcohol	8.602	79	57425	49.801	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.884	45	56222m	43.842	ng	
17) 2-Methylphenol	8.801	107	49430	50.821	ng	95
18) Hexachloroethane	9.459	117	19081	49.518	ng	96
19) n-Nitroso-di-n-propyla...	9.166	70	45665	43.267	ng	99
20) 3+4-Methylphenols	9.130	107	67063	50.355	ng	95
22) Acetophenone	9.195	105	83786	43.790	ng	# 94
24) Nitrobenzene	9.589	77	67574	42.033	ng	95
25) Isophorone	10.106	82	122804	39.760	ng	96
26) 2-Nitrophenol	10.305	139	29734	48.319	ng	97
27) 2,4-Dimethylphenol	10.346	122	55432	51.444	ng	94
28) bis(2-Chloroethoxy)met...	10.576	93	66466	42.956	ng	97
29) 2,4-Dichlorophenol	10.846	162	60295	52.759	ng	97
30) 1,2,4-Trichlorobenzene	11.057	180	61052	46.316	ng	99
31) Naphthalene	11.251	128	158621	44.383	ng	99
32) Benzoic acid	10.505	122	28678m	46.336	ng	
33) 4-Chloroaniline	11.357	127	32989	20.554	ng	94
34) Hexachlorobutadiene	11.521	225	44298	45.290	ng	96
35) Caprolactam	12.121	113	19554m	50.089	ng	
36) 4-Chloro-3-methylphenol	12.455	107	65301	50.280	ng	97
37) 2-Methylnaphthalene	12.831	142	124010	44.132	ng	97
38) 1-Methylnaphthalene	13.049	142	117146	44.230	ng	99
40) 1,2,4,5-Tetrachloroben...	13.190	216	88035	45.210	ng	99
41) Hexachlorocyclopentadiene	13.166	237	81429	86.447	ng	99
43) 2,4,6-Trichlorophenol	13.425	196	57066	48.103	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.507	196	63301	45.362	ng	98
46) 1,1'-Biphenyl	13.818	154	180759	44.411	ng	98
47) 2-Chloronaphthalene	13.865	162	138275	45.686	ng	98
48) 2-Nitroaniline	14.065	65	45182	43.904	ng	94
49) Acenaphthylene	14.705	152	217494	44.231	ng	100
50) Dimethylphthalate	14.417	163	194419	43.133	ng	98
51) 2,6-Dinitrotoluene	14.547	165	43508	47.276	ng	93
52) Acenaphthene	15.046	154	135771	44.187	ng	99
53) 3-Nitroaniline	14.881	138	23789	25.802	ng	97
54) 2,4-Dinitrophenol	15.093	184	55292	95.970	ng	98
55) Dibenzofuran	15.375	168	228597	44.279	ng	99
56) 4-Nitrophenol	15.187	139	60571	98.779	ng	93
57) 2,4-Dinitrotoluene	15.334	165	62126	47.235	ng	95
58) Fluorene	16.021	166	191098	44.939	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.598	232	62902m	49.718	ng	
60) Diethylphthalate	15.763	149	198487	43.362	ng	98
61) 4-Chlorophenyl-phenyle...	15.998	204	114305	44.620	ng	98
62) 4-Nitroaniline	16.045	138	41688	44.821	ng	97
63) Azobenzene	16.291	77	180968	40.975	ng	96
65) 4,6-Dinitro-2-methylph...	16.097	198	43084	51.726	ng	98
66) n-Nitrosodiphenylamine	16.215	169	168574	44.490	ng	98
67) 4-Bromophenyl-phenylether	16.891	248	76578	44.965	ng	97
68) Hexachlorobenzene	17.026	284	81985	49.538	ng	98
69) Atrazine	17.149	200	71069	49.169	ng	95
70) Pentachlorophenol	17.372	266	85173	89.299	ng	98
71) Phenanthrene	17.760	178	325132	45.481	ng	99
72) Anthracene	17.854	178	326771	44.549	ng	98
73) Carbazole	18.118	167	285332	46.206	ng	96
74) Di-n-butylphthalate	18.635	149	322413	45.379	ng	99
75) Fluoranthene	19.751	202	401373	45.143	ng	100
77) Benzidine	19.916	184	120617	43.447	ng	96
78) Pyrene	20.116	202	408152	45.232	ng	99
80) Butylbenzylphthalate	20.961	149	141401	49.387	ng	96
81) Benzo(a)anthracene	22.007	228	406469	45.943	ng	99
82) 3,3'-Dichlorobenzidine	21.901	252	119709	42.243	ng	97
83) Chrysene	22.078	228	370608	44.521	ng	100
84) Bis(2-ethylhexyl)phtha...	21.849	149	201473	47.560	ng	99
85) Di-n-octyl phthalate	23.147	149	339770	48.111	ng	97
87) Indeno(1,2,3-cd)pyrene	29.585	276	457746	46.502	ng	# 96
88) Benzo(b)fluoranthene	24.410	252	421937	47.790	ng	98
89) Benzo(k)fluoranthene	24.480	252	408124	45.490	ng	99
90) Benzo(a)pyrene	25.367	252	365111	42.329	ng	95
91) Dibenzo(a,h)anthracene	29.644	278	383326	46.761	ng	97
92) Benzo(g,h,i)perylene	30.866	276	369952	46.219	ng	98

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

