

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
 Data File : BG055812.D
 Acq On : 28 Nov 2022 19:50
 Operator : CG/JU
 Sample : N5772-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-3MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/29/2022
 Supervised By : Jagrut Upadhyay 11/29/2022

Quant Time: Nov 29 02:13:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 02:02:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	44581	20.000	ng	0.00
21) Naphthalene-d8	11.056	136	194511	20.000	ng	0.00
39) Acenaphthene-d10	14.852	164	143734	20.000	ng	0.00
64) Phenanthrene-d10	17.596	188	313868	20.000	ng	0.00
76) Chrysene-d12	21.891	240	290903	20.000	ng	0.00
86) Perylene-d12	25.281	264	318430	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	335748	136.128	ng	0.00
7) Phenol-d6	7.378	99	442298	134.716	ng	0.00
23) Nitrobenzene-d5	9.399	82	280243	76.151	ng	0.00
42) 2,4,6-Tribromophenol	16.338	330	233367	115.302	ng	0.00
45) 2-Fluorobiphenyl	13.477	172	639615	66.666	ng	0.00
79) Terphenyl-d14	20.181	244	924775	63.584	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.583	88	39705	37.670	ng	98
3) Pyridine	4.000	79	113976	35.248	ng	99
4) n-Nitrosodimethylamine	3.906	42	70930	41.432	ng	95
6) Aniline	7.543	93	141911	34.412	ng	97
8) 2-Chlorophenol	7.789	128	139683	49.541	ng	98
9) Benzaldehyde	7.355	77	73789m	33.093	ng	
10) Phenol	7.408	94	180955	49.224	ng	98
11) bis(2-Chloroethyl)ether	7.631	93	122976	43.651	ng	98
12) 1,3-Dichlorobenzene	8.119	146	146727	44.262	ng	98
13) 1,4-Dichlorobenzene	8.265	146	148226	44.249	ng	97
14) 1,2-Dichlorobenzene	8.589	146	145235	45.244	ng	96
15) Benzyl Alcohol	8.465	79	126353m	47.353	ng	
16) 2,2'-oxybis(1-Chloropr...	8.753	45	226577	44.427	ng	98
17) 2-Methylphenol	8.671	107	126532	48.481	ng	97
18) Hexachloroethane	9.323	117	52717	45.724	ng	98
19) n-Nitroso-di-n-propyla...	9.035	70	107570	42.642	ng	99
20) 3+4-Methylphenols	9.000	107	174156	47.768	ng	98
22) Acetophenone	9.059	105	211878	41.920	ng	# 100
24) Nitrobenzene	9.446	77	162523	42.280	ng	99
25) Isophorone	9.969	82	304695	43.698	ng	99
26) 2-Nitrophenol	10.163	139	83930	47.298	ng	95
27) 2,4-Dimethylphenol	10.210	122	142772m	52.865	ng	
28) bis(2-Chloroethoxy)met...	10.445	93	175786	46.960	ng	99
29) 2,4-Dichlorophenol	10.704	162	151126	46.752	ng	98
30) 1,2,4-Trichlorobenzene	10.915	180	157093	41.830	ng	98
31) Naphthalene	11.109	128	446806	42.492	ng	99
32) Benzoic acid	10.357	122	92245	41.515	ng	95
33) 4-Chloroaniline	11.209	127	122570	28.258	ng	98
34) Hexachlorobutadiene	11.385	225	100670	39.257	ng	98
35) Caprolactam	11.990	113	49980m	44.680	ng	
36) 4-Chloro-3-methylphenol	12.319	107	165795	46.665	ng	98
37) 2-Methylnaphthalene	12.695	142	340214	43.213	ng	99
38) 1-Methylnaphthalene	12.913	142	321728	42.094	ng	99
40) 1,2,4,5-Tetrachloroben...	13.060	216	194943	43.159	ng	100
41) Hexachlorocyclopentadiene	13.036	237	124661	54.759	ng	99
43) 2,4,6-Trichlorophenol	13.295	196	135276	43.904	ng	99

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44) 2,4,5-Trichlorophenol	13.371	196	148115	43.744	ng	97
46) 1,1'-Biphenyl	13.688	154	454022	43.347	ng	98
47) 2-Chloronaphthalene	13.741	162	349262	42.901	ng	99
48) 2-Nitroaniline	13.935	65	118640	44.324	ng	96
49) Acenaphthylene	14.582	152	591966	44.156	ng	99
50) Dimethylphthalate	14.300	163	452999	39.536	ng	99
51) 2,6-Dinitrotoluene	14.423	165	100723	42.993	ng	99
52) Acenaphthene	14.916	154	396051m	45.202	ng	
53) 3-Nitroaniline	14.758	138	87756	34.122	ng	96
54) 2,4-Dinitrophenol	14.963	184	69082	51.286	ng	98
55) Dibenzofuran	15.251	168	569006	42.096	ng	98
56) 4-Nitrophenol	15.063	139	167436	82.951	ng	100
57) 2,4-Dinitrotoluene	15.210	165	146272	44.283	ng	94
58) Fluorene	15.898	166	466442	43.206	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.475	232	131828	40.181	ng	99
60) Diethylphthalate	15.645	149	460226	39.729	ng	99
61) 4-Chlorophenyl-phenyle...	15.880	204	243807	41.084	ng	96
62) 4-Nitroaniline	15.915	138	100015	37.202	ng	97
63) Azobenzene	16.174	77	420894	41.617	ng	98
65) 4,6-Dinitro-2-methylph...	15.974	198	58299	33.264	ng	95
66) n-Nitrosodiphenylamine	16.092	169	397024	45.899	ng	99
67) 4-Bromophenyl-phenylether	16.773	248	160122	44.775	ng	98
68) Hexachlorobenzene	16.902	284	175904	44.360	ng	96
69) Atrazine	17.032	200	161394	47.177	ng	99
70) Pentachlorophenol	17.243	266	200866	82.806	ng	98
71) Phenanthrene	17.637	178	1123065	66.306	ng	99
72) Anthracene	17.731	178	767922	46.663	ng	99
73) Carbazole	17.995	167	656593	44.380	ng	99
74) Di-n-butylphthalate	18.530	149	763338	41.552	ng	100
75) Fluoranthene	19.640	202	1475622	71.612	ng	97
77) Benzidine	19.805	184	228116	33.896	ng	99
78) Pyrene	19.999	202	1564274	79.442	ng	96
80) Butylbenzylphthalate	20.857	149	341047	44.243	ng	99
81) Benzo(a)anthracene	21.867	228	1178385	58.813	ng	98
82) 3,3'-Dichlorobenzidine	21.773	252	265621	37.728	ng	100
83) Chrysene	21.938	228	1118510	58.640	ng	98
84) Bis(2-ethylhexyl)phtha...	21.738	149	489488	44.185	ng	100
85) Di-n-octyl phthalate	23.001	149	842110	44.419	ng	100
87) Indeno(1,2,3-cd)pyrene	29.206	276	1216520	46.634	ng	# 95
88) Benzo(b)fluoranthene	24.206	252	1271063	61.292	ng	99
89) Benzo(k)fluoranthene	24.270	252	992928	48.033	ng	98
90) Benzo(a)pyrene	25.128	252	1117807	62.813	ng	99
91) Dibenzo(a,h)anthracene	29.264	278	909338	42.657	ng	99
92) Benzo(g,h,i)perylene	30.439	276	1062807	49.467	ng	99

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

