

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
 Data File : BG055811.D
 Acq On : 28 Nov 2022 19:08
 Operator : CG/JU
 Sample : N5772-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-3MS

Manual Integrations
 APPROVED

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

Quant Time: Nov 29 02:12:53 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	8.224	152	42571	20.000	ng	0.00
21) Naphthalene-d8	11.056	136	183168	20.000	ng	0.00
39) Acenaphthene-d10	14.852	164	135801	20.000	ng	0.00
64) Phenanthrene-d10	17.596	188	308822	20.000	ng	0.00
76) Chrysene-d12	21.891	240	285597	20.000	ng	0.00
86) Perylene-d12	25.281	264	314467	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	319753	135.764	ng	0.00
7) Phenol-d6	7.378	99	423478	135.073	ng	0.00
23) Nitrobenzene-d5	9.405	82	264491	76.321	ng	0.00
42) 2,4,6-Tribromophenol	16.338	330	229768	120.156	ng	0.00
45) 2-Fluorobiphenyl	13.477	172	604201	66.654	ng	0.00
79) Terphenyl-d14	20.175	244	911399	63.828	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.583	88	39334	39.080	ng	99
3) Pyridine	4.000	79	111685	36.171	ng	98
4) n-Nitrosodimethylamine	3.912	42	67350	41.199	ng	91
6) Aniline	7.543	93	133077	33.794	ng	98
8) 2-Chlorophenol	7.789	128	132993	49.395	ng	97
9) Benzaldehyde	7.355	77	70422m	33.074	ng	
10) Phenol	7.408	94	168631	48.037	ng	99
11) bis(2-Chloroethyl)ether	7.631	93	117509	43.680	ng	98
12) 1,3-Dichlorobenzene	8.118	146	139261	43.993	ng	98
13) 1,4-Dichlorobenzene	8.265	146	140844	44.031	ng	99
14) 1,2-Dichlorobenzene	8.589	146	138351	45.135	ng	97
15) Benzyl Alcohol	8.465	79	118945m	46.682	ng	
16) 2,2'-oxybis(1-Chloropr...	8.747	45	211306	43.389	ng	99
17) 2-Methylphenol	8.671	107	118372	47.496	ng	98
18) Hexachloroethane	9.323	117	50334	45.718	ng	92
19) n-Nitroso-di-n-propyla...	9.029	70	101766	42.246	ng	97
20) 3+4-Methylphenols	9.000	107	165071	47.413	ng	99
22) Acetophenone	9.053	105	202080	42.457	ng	# 98
24) Nitrobenzene	9.446	77	152291	42.072	ng	99
25) Isophorone	9.963	82	287582	43.797	ng	99
26) 2-Nitrophenol	10.157	139	79426	47.531	ng	96
27) 2,4-Dimethylphenol	10.210	122	135199m	53.161	ng	
28) bis(2-Chloroethoxy)met...	10.445	93	164749	46.737	ng	100
29) 2,4-Dichlorophenol	10.698	162	144093	47.336	ng	96
30) 1,2,4-Trichlorobenzene	10.915	180	147409	41.682	ng	99
31) Naphthalene	11.109	128	422804	42.700	ng	99
32) Benzoic acid	10.357	122	94291	45.064	ng	97
33) 4-Chloroaniline	11.209	127	111841	27.381	ng	99
34) Hexachlorobutadiene	11.385	225	95617	39.596	ng	97
35) Caprolactam	11.990	113	49059m	46.572	ng	
36) 4-Chloro-3-methylphenol	12.319	107	160498	47.972	ng	98
37) 2-Methylnaphthalene	12.695	142	319820	43.138	ng	99
38) 1-Methylnaphthalene	12.913	142	303434	42.159	ng	99
40) 1,2,4,5-Tetrachloroben...	13.060	216	184467	43.225	ng	99
41) Hexachlorocyclopentadiene	13.036	237	133836	62.223	ng	99
43) 2,4,6-Trichlorophenol	13.295	196	130165	44.713	ng	99

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44) 2,4,5-Trichlorophenol	13.371	196	141540	44.244	ng	98
46) 1,1'-Biphenyl	13.688	154	433584	43.814	ng	99
47) 2-Chloronaphthalene	13.741	162	332709	43.255	ng	99
48) 2-Nitroaniline	13.935	65	114334	45.211	ng	97
49) Acenaphthylene	14.582	152	568838	44.910	ng	100
50) Dimethylphthalate	14.294	163	438984	40.551	ng	100
51) 2,6-Dinitrotoluene	14.423	165	97227	43.925	ng	98
52) Acenaphthene	14.916	154	380939m	46.017	ng	
53) 3-Nitroaniline	14.752	138	82347	33.889	ng	99
54) 2,4-Dinitrophenol	14.963	184	68791	54.053	ng	96
55) Dibenzofuran	15.245	168	549886	43.058	ng	99
56) 4-Nitrophenol	15.063	139	165374	86.716	ng	99
57) 2,4-Dinitrotoluene	15.210	165	141253	45.262	ng	95
58) Fluorene	15.898	166	453550	44.466	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.475	232	130161	41.990	ng	99
60) Diethylphthalate	15.645	149	443949	40.562	ng	99
61) 4-Chlorophenyl-phenyle...	15.880	204	235259	41.959	ng	97
62) 4-Nitroaniline	15.915	138	98990	38.972	ng	98
63) Azobenzene	16.174	77	411773	43.094	ng	98
65) 4,6-Dinitro-2-methylph...	15.974	198	58083	33.683	ng	100
66) n-Nitrosodiphenylamine	16.092	169	387131	45.487	ng	99
67) 4-Bromophenyl-phenylether	16.773	248	157044	44.632	ng	97
68) Hexachlorobenzene	16.902	284	171029	43.835	ng	99
69) Atrazine	17.032	200	157730	46.860	ng	98
70) Pentachlorophenol	17.243	266	198669	83.238	ng	98
71) Phenanthrene	17.637	178	1108164	66.495	ng	99
72) Anthracene	17.731	178	757881	46.805	ng	100
73) Carbazole	17.995	167	651752	44.773	ng	98
74) Di-n-butylphthalate	18.524	149	758125	41.943	ng	99
75) Fluoranthene	19.634	202	1448665	71.452	ng	96
77) Benzidine	19.805	184	199878	30.252	ng	99
78) Pyrene	19.999	202	1542190	79.776	ng	96
80) Butylbenzylphthalate	20.857	149	333230	44.032	ng	99
81) Benzo(a)anthracene	21.867	228	1159269	58.934	ng	97
82) 3,3'-Dichlorobenzidine	21.773	252	252449	36.523	ng	98
83) Chrysene	21.938	228	1102074	58.851	ng	98
84) Bis(2-ethylhexyl)phtha...	21.732	149	488489	44.914	ng	99
85) Di-n-octyl phthalate	22.995	149	825587	44.356	ng	100
87) Indeno(1,2,3-cd)pyrene	29.200	276	1209008	46.930	ng	# 95
88) Benzo(b)fluoranthene	24.206	252	1213668	59.262	ng	99
89) Benzo(k)fluoranthene	24.270	252	1020741	50.001	ng	98
90) Benzo(a)pyrene	25.128	252	1098983	62.534	ng	98
91) Dibenzo(a,h)anthracene	29.264	278	889106	42.234	ng	98
92) Benzo(g,h,i)perylene	30.434	276	1052514	49.605	ng	99

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

