

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055430.D
 Acq On : 3 Nov 2022 1:25
 Operator : CG/JU
 Sample : N5395-10MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-7-103122MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/07/2022
 Supervised By : mohammad ahmed 11/08/2022

Quant Time: Nov 03 06:14:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:05:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	31499	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	137954	20.000	ng	0.00
39) Acenaphthene-d10	14.857	164	92755	20.000	ng	0.00
64) Phenanthrene-d10	17.595	188	195314	20.000	ng	0.00
76) Chrysene-d12	21.866	240	188173	20.000	ng	0.00
86) Perylene-d12	25.239	264	210271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.768	112	208700	118.986	ng	0.00
7) Phenol-d6	7.389	99	271743	111.721	ng	0.00
23) Nitrobenzene-d5	9.416	82	165159	63.805	ng	0.00
42) 2,4,6-Tribromophenol	16.338	330	132903	105.045	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	413526	66.101	ng	0.00
79) Terphenyl-d14	20.162	244	655703	67.759	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.564	88	28492	35.814	ng	97
3) Pyridine	3.987	79	77219	32.706	ng	98
4) n-Nitrosodimethylamine	3.899	42	39040	41.856	ng	99
6) Aniline	7.554	93	116442	36.910	ng	100
8) 2-Chlorophenol	7.800	128	107637	50.507	ng	99
9) Benzaldehyde	7.366	77	70111	49.029	ng	98
10) Phenol	7.419	94	133322	48.427	ng	98
11) bis(2-Chloroethyl)ether	7.648	93	92390	44.856	ng	99
12) 1,3-Dichlorobenzene	8.129	146	116007	48.025	ng	99
13) 1,4-Dichlorobenzene	8.276	146	117590	47.796	ng	98
14) 1,2-Dichlorobenzene	8.600	146	115104	48.879	ng	99
15) Benzyl Alcohol	8.476	79	90583m	46.694	ng	
16) 2,2'-oxybis(1-Chloropr...	8.764	45	120230	43.873	ng	98
17) 2-Methylphenol	8.682	107	93325	47.113	ng	98
18) Hexachloroethane	9.334	117	40958	48.802	ng	95
19) n-Nitroso-di-n-propyla...	9.046	70	78591	41.350	ng	98
20) 3+4-Methylphenols	9.011	107	130342	46.310	ng	99
22) Acetophenone	9.070	105	158383	43.802	ng	98
24) Nitrobenzene	9.457	77	115793	42.906	ng	98
25) Isophorone	9.980	82	217875	42.501	ng	99
26) 2-Nitrophenol	10.174	139	65407	47.068	ng	98
27) 2,4-Dimethylphenol	10.227	122	104421	53.591	ng	97
28) bis(2-Chloroethoxy)met...	10.456	93	129269	47.343	ng	98
29) 2,4-Dichlorophenol	10.715	162	112052	47.143	ng	96
30) 1,2,4-Trichlorobenzene	10.932	180	119114	46.280	ng	98
31) Naphthalene	11.120	128	343986	44.287	ng	99
32) Benzoic acid	10.444	122	11403m	14.518	ng	
33) 4-Chloroaniline	11.226	127	105418	32.664	ng	99
34) Hexachlorobutadiene	11.396	225	75563	47.232	ng	99
35) Caprolactam	11.996	113	34143	38.798	ng	95
36) 4-Chloro-3-methylphenol	12.330	107	112855	43.364	ng	99
37) 2-Methylnaphthalene	12.706	142	248083	43.483	ng	99
38) 1-Methylnaphthalene	12.924	142	232710	41.819	ng	100
40) 1,2,4,5-Tetrachloroben...	13.071	216	137597	50.218	ng	99
41) Hexachlorocyclopentadiene	13.041	237	147007	109.795	ng	96
43) 2,4,6-Trichlorophenol	13.306	196	92027	48.230	ng	99

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44) 2,4,5-Trichlorophenol	13.382	196	97942	46.083	ng	99
46) 1,1'-Biphenyl	13.694	154	326900	47.896	ng	100
47) 2-Chloronaphthalene	13.746	162	257204	46.898	ng	100
48) 2-Nitroaniline	13.946	65	70806	42.034	ng	96
49) Acenaphthylene	14.587	152	407202	45.218	ng	100
50) Dimethylphthalate	14.299	163	318058	41.080	ng	99
51) 2,6-Dinitrotoluene	14.428	165	69472	42.861	ng	97
52) Acenaphthene	14.922	154	238590	44.517	ng	99
53) 3-Nitroaniline	14.763	138	65137	35.755	ng	95
54) 2,4-Dinitrophenol	14.980	184	8849	13.609	ng	93
55) Dibenzofuran	15.251	168	393303	44.335	ng	99
56) 4-Nitrophenol	15.068	139	106991	85.653	ng	99
57) 2,4-Dinitrotoluene	15.215	165	98349	42.435	ng	# 96
58) Fluorene	15.897	166	307994	42.738	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.480	232	88154	46.129	ng	98
60) Diethylphthalate	15.650	149	324330	40.309	ng	99
61) 4-Chlorophenyl-phenyle...	15.879	204	166342	44.646	ng	98
62) 4-Nitroaniline	15.920	138	75808	39.332	ng	99
63) Azobenzene	16.173	77	274999	41.116	ng	99
65) 4,6-Dinitro-2-methylph...	15.979	198	17341	13.783	ng	98
66) n-Nitrosodiphenylamine	16.097	169	273744	47.142	ng	98
67) 4-Bromophenyl-phenylether	16.772	248	109929	47.613	ng	96
68) Hexachlorobenzene	16.902	284	124796	47.398	ng	96
69) Atrazine	17.031	200	105695	54.217	ng	99
70) Pentachlorophenol	17.248	266	80231	59.909	ng	97
71) Phenanthrene	17.636	178	526101	47.887	ng	100
72) Anthracene	17.724	178	504394	46.840	ng	99
73) Carbazole	17.989	167	459235	45.838	ng	100
74) Di-n-butylphthalate	18.517	149	553557	44.239	ng	100
75) Fluoranthene	19.628	202	614971	46.537	ng	99
77) Benzidine	19.792	184	390809	99.756	ng	99
78) Pyrene	19.986	202	616916	46.473	ng	100
80) Butylbenzylphthalate	20.838	149	246105	44.467	ng	100
81) Benzo(a)anthracene	21.843	228	592573	45.874	ng	99
82) 3,3'-Dichlorobenzidine	21.749	252	162758	36.743	ng	98
83) Chrysene	21.913	228	553404	44.906	ng	100
84) Bis(2-ethylhexyl)phtha...	21.708	149	361310	44.911	ng	99
85) Di-n-octyl phthalate	22.959	149	616938	44.756	ng	100
87) Indeno(1,2,3-cd)pyrene	29.140	276	748757	44.351	ng	100
88) Benzo(b)fluoranthene	24.164	252	640395	47.947	ng	100
89) Benzo(k)fluoranthene	24.234	252	608791	45.357	ng	99
90) Benzo(a)pyrene	25.086	252	566411	49.045	ng	99
91) Dibenzo(a,h)anthracene	29.193	278	635655	45.637	ng	99
92) Benzo(g,h,i)perylene	30.356	276	629109	45.414	ng	99

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

