

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071922\
 Data File : BG054322.D
 Acq On : 19 Jul 2022 17:51
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/20/2022
 Supervised By : Jagrut Upadhyay 07/20/2022

Quant Time: Jul 19 18:30:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	17032	20.000	ng	0.00
21) Naphthalene-d8	10.802	136	61960	20.000	ng	# 0.00
39) Acenaphthene-d10	14.633	164	49514	20.000	ng	0.00
64) Phenanthrene-d10	17.376	188	136125	20.000	ng	# 0.00
76) Chrysene-d12	21.642	240	164560	20.000	ng	# 0.00
86) Perylene-d12	24.832	264	183433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	66403	81.401	ng	0.00
7) Phenol-d6	7.159	99	90348	80.828	ng	-0.01
23) Nitrobenzene-d5	9.157	82	93030	81.765	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	88008	84.655	ng	0.00
45) 2-Fluorobiphenyl	13.252	172	295572	84.211	ng	0.00
79) Terphenyl-d14	19.985	244	689479	83.118	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	13816m	42.571	ng	
3) Pyridine	3.828	79	36038	43.774	ng	97
4) n-Nitrosodimethylamine	3.745	42	20622	44.797	ng	# 87
6) Aniline	7.318	93	51727	40.091	ng	99
8) 2-Chlorophenol	7.558	128	37528	40.031	ng	89
9) Benzaldehyde	7.130	77	24173m	42.831	ng	
10) Phenol	7.194	94	46247	41.642	ng	96
11) bis(2-Chloroethyl)ether	7.412	93	31627	39.058	ng	92
12) 1,3-Dichlorobenzene	7.887	146	47148	41.277	ng	94
13) 1,4-Dichlorobenzene	8.028	146	47745	40.477	ng	95
14) 1,2-Dichlorobenzene	8.352	146	45606	41.001	ng	98
15) Benzyl Alcohol	8.234	79	37677	40.983	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.516	45	39416	38.650	ng	94
17) 2-Methylphenol	8.440	107	32306	40.359	ng	95
18) Hexachloroethane	9.080	117	16511	42.274	ng	# 60
19) n-Nitroso-di-n-propyla...	8.798	70	29068	38.943	ng	# 92
20) 3+4-Methylphenols	8.769	107	45466	40.312	ng	96
22) Acetophenone	8.816	105	61913	41.546	ng	# 98
24) Nitrobenzene	9.198	77	45516	40.934	ng	# 87
25) Isophorone	9.721	82	79689	40.272	ng	# 93
26) 2-Nitrophenol	9.915	139	23450	41.839	ng	91
27) 2,4-Dimethylphenol	9.973	122	32603	42.108	ng	92
28) bis(2-Chloroethoxy)met...	10.202	93	41181	41.263	ng	# 98
29) 2,4-Dichlorophenol	10.455	162	48720	41.688	ng	90
30) 1,2,4-Trichlorobenzene	10.667	180	61862	42.740	ng	# 93
31) Naphthalene	10.855	128	126725	40.744	ng	99
32) Benzoic acid	10.155	122	7423m	27.964	ng	
33) 4-Chloroaniline	10.960	127	53082	41.968	ng	95
34) Hexachlorobutadiene	11.143	225	54336	42.478	ng	95
35) Caprolactam	11.724	113	12457	42.332	ng	# 75
36) 4-Chloro-3-methylphenol	12.088	107	43008	40.451	ng	# 82
37) 2-Methylnaphthalene	12.459	142	96644	40.462	ng	97
38) 1-Methylnaphthalene	12.676	142	94945	40.795	ng	96
40) 1,2,4,5-Tetrachloroben...	12.829	216	93084	42.910	ng	# 93
41) Hexachlorocyclopentadiene	12.811	237	23961	38.896	ng	96
43) 2,4,6-Trichlorophenol	13.070	196	49996	42.328	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.146	196	55398	41.510	ng	# 90
46) 1,1'-Biphenyl	13.463	154	138900	41.005	ng	97
47) 2-Chloronaphthalene	13.510	162	117552	41.467	ng	95
48) 2-Nitroaniline	13.710	65	31492	42.566	ng	88
49) Acenaphthylene	14.351	152	174341	41.388	ng	98
50) Dimethylphthalate	14.080	163	160488	41.496	ng	99
51) 2,6-Dinitrotoluene	14.198	165	35566	41.926	ng	# 77
52) Acenaphthene	14.691	154	104921	41.133	ng	99
53) 3-Nitroaniline	14.533	138	29946	42.209	ng	87
54) 2,4-Dinitrophenol	14.750	184	14468	33.559	ng	# 83
55) Dibenzofuran	15.026	168	188603	41.556	ng	97
56) 4-Nitrophenol	14.850	139	19986	42.223	ng	95
57) 2,4-Dinitrotoluene	14.991	165	51213	42.112	ng	# 83
58) Fluorene	15.672	166	157138	42.111	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.255	232	54703	42.101	ng	# 83
60) Diethylphthalate	15.443	149	154683	41.691	ng	97
61) 4-Chlorophenyl-phenyle...	15.667	204	102764	41.954	ng	# 88
62) 4-Nitroaniline	15.696	138	31686	42.510	ng	93
63) Azobenzene	15.954	77	109825	40.968	ng	85
65) 4,6-Dinitro-2-methylph...	15.761	198	33546	39.889	ng	75
66) n-Nitrosodiphenylamine	15.878	169	136613	40.197	ng	96
67) 4-Bromophenyl-phenylether	16.560	248	79212	41.433	ng	# 88
68) Hexachlorobenzene	16.689	284	91077	41.658	ng	# 86
69) Atrazine	16.824	200	62878	41.576	ng	94
70) Pentachlorophenol	17.030	266	29112	33.030	ng	94
71) Phenanthrene	17.417	178	279275	41.197	ng	98
72) Anthracene	17.506	178	272918	41.026	ng	98
73) Carbazole	17.776	167	225918	41.250	ng	99
74) Di-n-butylphthalate	18.328	149	262442	40.606	ng	98
75) Fluoranthene	19.427	202	383498	41.500	ng	96
77) Benzidine	19.603	184	119430	40.073	ng	98
78) Pyrene	19.785	202	386174	40.898	ng	99
80) Butylbenzylphthalate	20.667	149	117557	39.951	ng	# 85
81) Benzo(a)anthracene	21.618	228	435357	41.676	ng	99
82) 3,3'-Dichlorobenzidine	21.530	252	136734	42.088	ng	# 95
83) Chrysene	21.683	228	408327	41.374	ng	98
84) Bis(2-ethylhexyl)phtha...	21.524	149	165680	39.792	ng	# 93
85) Di-n-octyl phthalate	22.723	149	294675	41.485	ng	# 92
87) Indeno(1,2,3-cd)pyrene	28.510	276	573744	41.115	ng	# 98
88) Benzo(b)fluoranthene	23.822	252	451682	41.637	ng	# 99
89) Benzo(k)fluoranthene	23.892	252	439296	40.690	ng	# 98
90) Benzo(a)pyrene	24.691	252	381693	41.200	ng	# 97
91) Dibenzo(a,h)anthracene	28.557	278	470798	41.030	ng	# 96
92) Benzo(g,h,i)perylene	29.650	276	469163	41.427	ng	# 92

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

