

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
 Data File : BG054114.D
 Acq On : 28 Jun 2022 11:09
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/29/2022
 Supervised By : Jagrut Upadhyay 06/29/2022

Quant Time: Jun 28 14:38:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	23471	20.000	ng	0.00
21) Naphthalene-d8	10.886	136	99897	20.000	ng	0.00
39) Acenaphthene-d10	14.699	164	77910	20.000	ng	0.00
64) Phenanthrene-d10	17.449	188	195250	20.000	ng	# 0.00
76) Chrysene-d12	21.726	240	180123	20.000	ng	0.00
86) Perylene-d12	24.981	264	188463	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.639	112	100741	82.062	ng	0.00
7) Phenol-d6	7.231	99	147774	88.734	ng	0.00
23) Nitrobenzene-d5	9.235	82	146917	82.647	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	101882	81.391	ng	0.00
45) 2-Fluorobiphenyl	13.324	172	425647	79.444	ng	0.00
79) Terphenyl-d14	20.051	244	755034	84.426	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.524	88	18950	35.312	ng	98
3) Pyridine	3.923	79	57480	40.138	ng	92
4) n-Nitrosodimethylamine	3.835	42	26104	41.441	ng	94
6) Aniline	7.396	93	85033	43.066	ng	98
8) 2-Chlorophenol	7.636	128	56835	43.360	ng	96
9) Benzaldehyde	7.208	77	39039	39.719	ng	# 76
10) Phenol	7.260	94	75384	44.665	ng	95
11) bis(2-Chloroethyl)ether	7.484	93	55145	42.569	ng	98
12) 1,3-Dichlorobenzene	7.965	146	65190	39.690	ng	95
13) 1,4-Dichlorobenzene	8.107	146	65682	39.810	ng	98
14) 1,2-Dichlorobenzene	8.430	146	63841	40.308	ng	99
15) Benzyl Alcohol	8.306	79	58658	47.127	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.600	45	87662	45.267	ng	98
17) 2-Methylphenol	8.512	107	54236	46.259	ng	92
18) Hexachloroethane	9.158	117	22795	41.648	ng	# 83
19) n-Nitroso-di-n-propyla...	8.876	70	52632	47.042	ng	93
20) 3+4-Methylphenols	8.841	107	76128	46.300	ng	93
22) Acetophenone	8.894	105	97511	40.157	ng	# 97
24) Nitrobenzene	9.276	77	74251	42.417	ng	# 87
25) Isophorone	9.799	82	140548	42.334	ng	96
26) 2-Nitrophenol	9.993	139	35905	46.438	ng	# 83
27) 2,4-Dimethylphenol	10.045	122	53908	43.076	ng	92
28) bis(2-Chloroethoxy)met...	10.280	93	74419	41.609	ng	96
29) 2,4-Dichlorophenol	10.533	162	73051	43.537	ng	93
30) 1,2,4-Trichlorobenzene	10.745	180	81552	39.253	ng	94
31) Naphthalene	10.933	128	205462	40.742	ng	98
32) Benzoic acid	10.192	122	31310	55.211	ng	# 79
33) 4-Chloroaniline	11.033	127	91288	43.633	ng	93
34) Hexachlorobutadiene	11.221	225	60115	37.635	ng	97
35) Caprolactam	11.808	113	22066	47.771	ng	94
36) 4-Chloro-3-methylphenol	12.155	107	75934	46.554	ng	87
37) 2-Methylnaphthalene	12.537	142	157780	42.287	ng	97
38) 1-Methylnaphthalene	12.754	142	151758	41.772	ng	99
40) 1,2,4,5-Tetrachloroben...	12.901	216	114205	38.042	ng	96
41) Hexachlorocyclopentadiene	12.883	237	58470	41.827	ng	98
43) 2,4,6-Trichlorophenol	13.142	196	72181	42.804	ng	98

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44) 2,4,5-Trichlorophenol	13.212	196	81672	43.376	ng	# 92
46) 1,1'-Biphenyl	13.535	154	219350	40.419	ng	97
47) 2-Chloronaphthalene	13.582	162	178140	40.561	ng	98
48) 2-Nitroaniline	13.776	65	54592	46.728	ng	92
49) Acenaphthylene	14.423	152	281316	41.192	ng	99
50) Dimethylphthalate	14.152	163	242382	40.850	ng	99
51) 2,6-Dinitrotoluene	14.264	165	52717	43.974	ng	# 78
52) Acenaphthene	14.763	154	181647m	41.727	ng	
53) 3-Nitroaniline	14.599	138	51519	44.358	ng	88
54) 2,4-Dinitrophenol	14.810	184	27742	45.293	ng	# 75
55) Dibenzofuran	15.098	168	287409	40.977	ng	93
56) 4-Nitrophenol	14.904	139	35566	43.133	ng	# 84
57) 2,4-Dinitrotoluene	15.057	165	75907	44.834	ng	# 88
58) Fluorene	15.745	166	237328	41.211	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.322	232	77752	42.225	ng	# 92
60) Diethylphthalate	15.510	149	237568	41.344	ng	96
61) 4-Chlorophenyl-phenyle...	15.733	204	136507	39.594	ng	90
62) 4-Nitroaniline	15.762	138	51560	42.569	ng	# 76
63) Azobenzene	16.027	77	201598	43.585	ng	93
65) 4,6-Dinitro-2-methylph...	15.827	198	46096	47.321	ng	83
66) n-Nitrosodiphenylamine	15.950	169	212593	41.778	ng	95
67) 4-Bromophenyl-phenylether	16.632	248	99284	40.714	ng	93
68) Hexachlorobenzene	16.755	284	106543	38.195	ng	93
69) Atrazine	16.890	200	85497	40.559	ng	97
70) Pentachlorophenol	17.096	266	54044	41.708	ng	94
71) Phenanthrene	17.490	178	401667	40.041	ng	98
72) Anthracene	17.578	178	395568	40.381	ng	99
73) Carbazole	17.842	167	333759	39.694	ng	98
74) Di-n-butylphthalate	18.400	149	406524	41.816	ng	# 98
75) Fluoranthene	19.493	202	480835	36.514	ng	98
77) Benzidine	19.664	184	136683	36.643	ng	97
78) Pyrene	19.857	202	479080	44.037	ng	98
80) Butylbenzylphthalate	20.733	149	162664	46.648	ng	94
81) Benzo(a)anthracene	21.702	228	472671	40.529	ng	99
82) 3,3'-Dichlorobenzidine	21.614	252	142790	40.979	ng	97
83) Chrysene	21.767	228	447483	40.253	ng	97
84) Bis(2-ethylhexyl)phtha...	21.602	149	228475	45.812	ng	96
85) Di-n-octyl phthalate	22.830	149	393894	45.952	ng	96
87) Indeno(1,2,3-cd)pyrene	28.724	276	561673	39.492	ng	# 95
88) Benzo(b)fluoranthene	23.947	252	451754	39.423	ng	100
89) Benzo(k)fluoranthene	24.017	252	453117	39.938	ng	98
90) Benzo(a)pyrene	24.828	252	388611	40.194	ng	# 99
91) Dibenzo(a,h)anthracene	28.782	278	462398	39.317	ng	99
92) Benzo(g,h,i)perylene	29.893	276	456664	39.346	ng	97

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

