

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072022\
 Data File : BG054324.D
 Acq On : 20 Jul 2022 12:03
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/21/2022
 Supervised By : Jagrut Upadhyay 07/21/2022

Quant Time: Jul 21 01:24:08 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	7.991	152	19203	20.000	ng	0.00
21) Naphthalene-d8	10.806	136	69079	20.000	ng	# 0.00
39) Acenaphthene-d10	14.631	164	53182	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	146745	20.000	ng	# 0.00
76) Chrysene-d12	21.640	240	177125	20.000	ng	# 0.00
86) Perylene-d12	24.836	264	193159	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.559	112	76536	83.215	ng	0.00
7) Phenol-d6	7.163	99	103862	82.413	ng	0.00
23) Nitrobenzene-d5	9.155	82	105041	82.807	ng	0.00
42) 2,4,6-Tribromophenol	16.117	330	95633	85.645	ng	0.00
45) 2-Fluorobiphenyl	13.250	172	316112	83.851	ng	0.00
79) Terphenyl-d14	19.983	244	723987	81.087	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.420	88	15061m	41.161	ng	
3) Pyridine	3.826	79	41396	44.597	ng	98
4) n-Nitrosodimethylamine	3.737	42	23536	45.347	ng	# 72
6) Aniline	7.316	93	59992	41.240	ng	97
8) 2-Chlorophenol	7.556	128	41347	39.119	ng	92
9) Benzaldehyde	7.128	77	27518	43.354	ng	84
10) Phenol	7.186	94	52321	41.785	ng	93
11) bis(2-Chloroethyl)ether	7.410	93	36962	40.486	ng	91
12) 1,3-Dichlorobenzene	7.886	146	53737	41.727	ng	92
13) 1,4-Dichlorobenzene	8.027	146	54481	40.966	ng	99
14) 1,2-Dichlorobenzene	8.350	146	51208	40.832	ng	98
15) Benzyl Alcohol	8.232	79	42096	40.613	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.520	45	45114	39.236	ng	86
17) 2-Methylphenol	8.438	107	36352	40.279	ng	97
18) Hexachloroethane	9.078	117	18317	41.596	ng	# 67
19) n-Nitroso-di-n-propyla...	8.796	70	32294	38.373	ng	# 86
20) 3+4-Methylphenols	8.767	107	50864	39.999	ng	96
22) Acetophenone	8.814	105	67064	40.365	ng	# 98
24) Nitrobenzene	9.196	77	51758	41.750	ng	# 89
25) Isophorone	9.719	82	89066	40.372	ng	# 92
26) 2-Nitrophenol	9.913	139	26762	42.827	ng	# 88
27) 2,4-Dimethylphenol	9.971	122	35952	41.648	ng	97
28) bis(2-Chloroethoxy)met...	10.200	93	44480	39.976	ng	# 96
29) 2,4-Dichlorophenol	10.453	162	54620	41.919	ng	90
30) 1,2,4-Trichlorobenzene	10.665	180	68027	42.156	ng	95
31) Naphthalene	10.853	128	143191	41.294	ng	99
32) Benzoic acid	10.159	122	8768m	29.171	ng	
33) 4-Chloroaniline	10.958	127	58098	41.200	ng	95
34) Hexachlorobutadiene	11.141	225	60651	42.528	ng	97
35) Caprolactam	11.728	113	13347	40.682	ng	# 87
36) 4-Chloro-3-methylphenol	12.086	107	48505	40.920	ng	89
37) 2-Methylnaphthalene	12.457	142	108647	40.800	ng	99
38) 1-Methylnaphthalene	12.674	142	106393	41.003	ng	96
40) 1,2,4,5-Tetrachloroben...	12.827	216	100718	43.227	ng	# 95
41) Hexachlorocyclopentadiene	12.809	237	27231	40.661	ng	96
43) 2,4,6-Trichlorophenol	13.068	196	53704	42.332	ng	98

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44) 2,4,5-Trichlorophenol	13.144	196	61863m	43.157	ng	
46) 1,1'-Biphenyl	13.461	154	154175	42.375	ng	97
47) 2-Chloronaphthalene	13.508	162	129266	42.454	ng	94
48) 2-Nitroaniline	13.702	65	34660	43.617	ng	93
49) Acenaphthylene	14.354	152	190144	42.027	ng	99
50) Dimethylphthalate	14.078	163	174383	41.979	ng	# 99
51) 2,6-Dinitrotoluene	14.202	165	38929	42.725	ng	# 79
52) Acenaphthene	14.695	154	115296	42.083	ng	99
53) 3-Nitroaniline	14.531	138	32005	42.000	ng	97
54) 2,4-Dinitrophenol	14.748	184	16430	35.103	ng	# 74
55) Dibenzofuran	15.024	168	204575	41.966	ng	94
56) 4-Nitrophenol	14.848	139	21596	42.478	ng	99
57) 2,4-Dinitrotoluene	14.989	165	56075	42.930	ng	# 84
58) Fluorene	15.676	166	168144	41.952	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.259	232	58734	42.086	ng	# 87
60) Diethylphthalate	15.441	149	166355	41.745	ng	96
61) 4-Chlorophenyl-phenyle...	15.665	204	111564	42.405	ng	# 89
62) 4-Nitroaniline	15.694	138	34371	42.932	ng	95
63) Azobenzene	15.958	77	120579	41.877	ng	83
65) 4,6-Dinitro-2-methylph...	15.759	198	36474	40.232	ng	81
66) n-Nitrosodiphenylamine	15.882	169	151043	41.226	ng	94
67) 4-Bromophenyl-phenylether	16.558	248	84204	40.857	ng	# 91
68) Hexachlorobenzene	16.687	284	97450	41.347	ng	# 91
69) Atrazine	16.822	200	66819	40.984	ng	94
70) Pentachlorophenol	17.034	266	31822	33.439	ng	99
71) Phenanthrene	17.416	178	299624	41.000	ng	97
72) Anthracene	17.510	178	295019	41.139	ng	98
73) Carbazole	17.774	167	240450	40.726	ng	99
74) Di-n-butylphthalate	18.332	149	284531	40.838	ng	98
75) Fluoranthene	19.425	202	411228	41.281	ng	95
77) Benzidine	19.601	184	132348	41.257	ng	97
78) Pyrene	19.789	202	410221	40.363	ng	98
80) Butylbenzylphthalate	20.671	149	126026	39.791	ng	# 81
81) Benzo(a)anthracene	21.622	228	461589	41.053	ng	99
82) 3,3'-Dichlorobenzidine	21.534	252	146427	41.874	ng	# 96
83) Chrysene	21.687	228	434868	40.937	ng	98
84) Bis(2-ethylhexyl)phtha...	21.522	149	178993	39.939	ng	# 91
85) Di-n-octyl phthalate	22.721	149	313577	41.014	ng	# 92
87) Indeno(1,2,3-cd)pyrene	28.503	276	603324	41.058	ng	# 98
88) Benzo(b)fluoranthene	23.826	252	466732	40.858	ng	# 98
89) Benzo(k)fluoranthene	23.890	252	466688	41.051	ng	# 96
90) Benzo(a)pyrene	24.689	252	403430	41.354	ng	# 98
91) Dibenzo(a,h)anthracene	28.561	278	495377	40.998	ng	# 96
92) Benzo(g,h,i)perylene	29.654	276	492242	41.276	ng	# 94

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

