

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
 Data File : BG054409.D
 Acq On : 27 Jul 2022 9:54
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/28/2022
 Supervised By : Jagrut Upadhyay 07/28/2022

Quant Time: Jul 28 04:32:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.988	152	18834	20.000	ng	0.00
21) Naphthalene-d8	10.797	136	68725	20.000	ng	# 0.00
39) Acenaphthene-d10	14.622	164	52946	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	141862	20.000	ng	# 0.00
76) Chrysene-d12	21.637	240	155396	20.000	ng	# 0.00
86) Perylene-d12	24.833	264	167600	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.562	112	76424	84.721	ng	0.00
7) Phenol-d6	7.172	99	105504	85.356	ng	0.00
23) Nitrobenzene-d5	9.152	82	105912	83.924	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	90292	81.222	ng	0.00
45) 2-Fluorobiphenyl	13.247	172	304554	81.145	ng	0.00
79) Terphenyl-d14	19.980	244	658335	84.044	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.417	88	14224	39.635	ng	96
3) Pyridine	3.817	79	40110	44.058	ng	98
4) n-Nitrosodimethylamine	3.735	42	21727	42.682	ng	# 87
6) Aniline	7.307	93	60136	42.149	ng	98
8) 2-Chlorophenol	7.559	128	43876	42.325	ng	91
9) Benzaldehyde	7.119	77	27602	44.604	ng	# 80
10) Phenol	7.195	94	52596	42.828	ng	96
11) bis(2-Chloroethyl)ether	7.401	93	37456	41.831	ng	91
12) 1,3-Dichlorobenzene	7.877	146	53819	42.610	ng	92
13) 1,4-Dichlorobenzene	8.024	146	54795	42.009	ng	96
14) 1,2-Dichlorobenzene	8.341	146	51289	41.698	ng	97
15) Benzyl Alcohol	8.229	79	42741	42.043	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.517	45	48959	43.415	ng	96
17) 2-Methylphenol	8.447	107	36994	41.794	ng	93
18) Hexachloroethane	9.069	117	18202	42.145	ng	# 64
19) n-Nitroso-di-n-propyla...	8.793	70	33068	40.063	ng	# 92
20) 3+4-Methylphenols	8.776	107	51427	41.235	ng	97
22) Acetophenone	8.811	105	67555	40.870	ng	# 96
24) Nitrobenzene	9.193	77	52149	42.282	ng	# 87
25) Isophorone	9.716	82	89256	40.666	ng	# 93
26) 2-Nitrophenol	9.910	139	25557	41.110	ng	# 87
27) 2,4-Dimethylphenol	9.974	122	35906	41.809	ng	92
28) bis(2-Chloroethoxy)met...	10.198	93	45231	40.860	ng	96
29) 2,4-Dichlorophenol	10.456	162	52959	40.854	ng	89
30) 1,2,4-Trichlorobenzene	10.662	180	67429	42.000	ng	94
31) Naphthalene	10.844	128	142562	41.324	ng	98
32) Benzoic acid	10.139	122	13473m	40.879	ng	
33) 4-Chloroaniline	10.955	127	57215	40.783	ng	95
34) Hexachlorobutadiene	11.132	225	57556	40.566	ng	98
35) Caprolactam	11.737	113	13510	41.391	ng	91
36) 4-Chloro-3-methylphenol	12.095	107	48898	41.464	ng	91
37) 2-Methylnaphthalene	12.454	142	105845	39.952	ng	98
38) 1-Methylnaphthalene	12.671	142	103447	40.073	ng	96
40) 1,2,4,5-Tetrachloroben...	12.824	216	93557	40.333	ng	# 96
41) Hexachlorocyclopentadiene	12.800	237	19775	31.959	ng	96
43) 2,4,6-Trichlorophenol	13.065	196	53906	42.680	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.153	196	59141	41.442	ng	# 88
46) 1,1'-Biphenyl	13.458	154	147780	40.798	ng	97
47) 2-Chloronaphthalene	13.505	162	124682	41.131	ng	96
48) 2-Nitroaniline	13.705	65	34638	43.784	ng	88
49) Acenaphthylene	14.346	152	187632	41.656	ng	98
50) Dimethylphthalate	14.075	163	169981	41.102	ng	# 99
51) 2,6-Dinitrotoluene	14.199	165	37537	41.381	ng	# 77
52) Acenaphthene	14.686	154	113162	41.489	ng	98
53) 3-Nitroaniline	14.534	138	32746	43.164	ng	91
54) 2,4-Dinitrophenol	14.751	184	16981	36.190	ng	# 75
55) Dibenzofuran	15.021	168	198122	40.823	ng	95
56) 4-Nitrophenol	14.880	139	17964	35.492	ng	86
57) 2,4-Dinitrotoluene	14.992	165	55287	42.515	ng	# 85
58) Fluorene	15.673	166	162931	40.833	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.256	232	54617	39.310	ng	# 88
60) Diethylphthalate	15.433	149	164748	41.526	ng	96
61) 4-Chlorophenyl-phenyle...	15.656	204	107899	41.195	ng	# 88
62) 4-Nitroaniline	15.691	138	34399	43.159	ng	89
63) Azobenzene	15.950	77	120472	42.026	ng	87
65) 4,6-Dinitro-2-methylph...	15.767	198	34995	39.929	ng	75
66) n-Nitrosodiphenylamine	15.873	169	147577	41.667	ng	95
67) 4-Bromophenyl-phenylether	16.555	248	80542	40.425	ng	# 90
68) Hexachlorobenzene	16.684	284	92838	40.746	ng	# 91
69) Atrazine	16.819	200	63869	40.523	ng	95
70) Pentachlorophenol	17.037	266	33877m	36.441	ng	
71) Phenanthrene	17.413	178	287858	40.746	ng	98
72) Anthracene	17.501	178	284462	41.032	ng	100
73) Carbazole	17.771	167	238174	41.729	ng	98
74) Di-n-butylphthalate	18.323	149	281901	41.853	ng	# 98
75) Fluoranthene	19.422	202	374062	38.842	ng	95
77) Benzidine	19.598	184	124203	44.132	ng	# 97
78) Pyrene	19.786	202	377965	42.389	ng	98
80) Butylbenzylphthalate	20.662	149	114819	41.322	ng	# 86
81) Benzo(a)anthracene	21.614	228	401318	40.683	ng	99
82) 3,3'-Dichlorobenzidine	21.525	252	130390	42.502	ng	# 97
83) Chrysene	21.684	228	381611	40.947	ng	97
84) Bis(2-ethylhexyl)phtha...	21.514	149	163147	41.494	ng	# 92
85) Di-n-octyl phthalate	22.706	149	285058	42.497	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.517	276	518777	40.688	ng	# 98
88) Benzo(b)fluoranthene	23.823	252	403040	40.663	ng	# 98
89) Benzo(k)fluoranthene	23.887	252	403814	40.937	ng	# 96
90) Benzo(a)pyrene	24.686	252	343952	40.634	ng	# 98
91) Dibenzo(a,h)anthracene	28.564	278	427362	40.763	ng	# 97
92) Benzo(g,h,i)perylene	29.663	276	420818	40.668	ng	# 93

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

