

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051823\
 Data File : BG057459.D
 Acq On : 18 May 2023 15:13
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/19/2023
 Supervised By : Jagrut Upadhyay 05/22/2023

Quant Time: May 18 16:22:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	18449	20.000	ng	0.00
21) Naphthalene-d8	11.198	136	74496	20.000	ng	# 0.00
39) Acenaphthene-d10	14.981	164	56813	20.000	ng	0.00
64) Phenanthrene-d10	17.719	188	139456	20.000	ng	0.00
76) Chrysene-d12	22.025	240	128312	20.000	ng	0.00
86) Perylene-d12	25.532	264	139618	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.870	112	87220	80.871	ng	0.00
7) Phenol-d6	7.497	99	133806	81.701	ng	0.00
23) Nitrobenzene-d5	9.542	82	135509	76.345	ng	0.00
42) 2,4,6-Tribromophenol	16.462	330	68708	85.233	ng	0.00
45) 2-Fluorobiphenyl	13.601	172	346408	82.119	ng	0.00
79) Terphenyl-d14	20.286	244	608629	77.408	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.673	88	17423	39.071	ng	97
3) Pyridine	4.096	79	56949	39.739	ng	97
4) n-Nitrosodimethylamine	4.008	42	24023	35.671	ng	84
6) Aniline	7.668	93	81597	39.274	ng	96
8) 2-Chlorophenol	7.915	128	46406	40.720	ng	99
9) Benzaldehyde	7.486	77	31512	35.495	ng	96
10) Phenol	7.527	94	63584	39.827	ng	97
11) bis(2-Chloroethyl)ether	7.756	93	46885	38.945	ng	97
12) 1,3-Dichlorobenzene	8.249	146	50827	40.410	ng	96
13) 1,4-Dichlorobenzene	8.396	146	52015	41.170	ng	98
14) 1,2-Dichlorobenzene	8.719	146	48897	40.090	ng	100
15) Benzyl Alcohol	8.596	79	51121	37.469	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.878	45	55931	36.861	ng	98
17) 2-Methylphenol	8.796	107	46721	40.597	ng	99
18) Hexachloroethane	9.454	117	17921	39.306	ng	98
19) n-Nitroso-di-n-propyla...	9.160	70	46060	36.883	ng	96
20) 3+4-Methylphenols	9.125	107	65764	41.733	ng	97
22) Acetophenone	9.189	105	81945	38.433	ng	# 95
24) Nitrobenzene	9.583	77	66286	37.000	ng	96
25) Isophorone	10.100	82	125301	36.406	ng	99
26) 2-Nitrophenol	10.300	139	28923	42.178	ng	96
27) 2,4-Dimethylphenol	10.341	122	48738	40.590	ng	98
28) bis(2-Chloroethoxy)met...	10.576	93	65886	38.211	ng	97
29) 2,4-Dichlorophenol	10.840	162	54716	42.964	ng	96
30) 1,2,4-Trichlorobenzene	11.057	180	58686	39.952	ng	99
31) Naphthalene	11.251	128	159380	40.019	ng	98
32) Benzoic acid	10.482	122	24076	36.071	ng	95
33) 4-Chloroaniline	11.351	127	72594	40.588	ng	97
34) Hexachlorobutadiene	11.521	225	42777	39.247	ng	98
35) Caprolactam	12.121	113	16716	38.425	ng	95
36) 4-Chloro-3-methylphenol	12.450	107	59308	40.979	ng	95
37) 2-Methylnaphthalene	12.826	142	127980	40.871	ng	93
38) 1-Methylnaphthalene	13.049	142	119771	40.580	ng	99
40) 1,2,4,5-Tetrachloroben...	13.190	216	85991	42.635	ng	98
41) Hexachlorocyclopentadiene	13.160	237	38302	42.694	ng	99
43) 2,4,6-Trichlorophenol	13.425	196	52071	42.376	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.507	196	59466	41.142	ng	97
46) 1,1'-Biphenyl	13.812	154	171634	40.713	ng	99
47) 2-Chloronaphthalene	13.865	162	129401	41.277	ng	99
48) 2-Nitroaniline	14.065	65	41570	38.999	ng	94
49) Acenaphthylene	14.705	152	210334	41.298	ng	99
50) Dimethylphthalate	14.412	163	180996	38.768	ng	99
51) 2,6-Dinitrotoluene	14.547	165	39997	41.960	ng	91
52) Acenaphthene	15.040	154	129065	40.554	ng	100
53) 3-Nitroaniline	14.882	138	38783	40.612	ng	86
54) 2,4-Dinitrophenol	15.099	184	18446	34.244	ng	97
55) Dibenzofuran	15.369	168	218117	40.790	ng	99
56) 4-Nitrophenol	15.181	139	24974	39.321	ng	93
57) 2,4-Dinitrotoluene	15.334	165	56171	41.232	ng	90
58) Fluorene	16.015	166	180199	40.912	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.598	232	55691m	42.499	ng	
60) Diethylphthalate	15.757	149	180964	38.168	ng	99
61) 4-Chlorophenyl-phenyle...	15.998	204	106201	40.024	ng	98
62) 4-Nitroaniline	16.039	138	39765	41.277	ng	97
63) Azobenzene	16.291	77	167036	36.514	ng	95
65) 4,6-Dinitro-2-methylph...	16.098	198	36438	43.764	ng	99
66) n-Nitrosodiphenylamine	16.209	169	154041	40.670	ng	100
67) 4-Bromophenyl-phenylether	16.891	248	70799	41.588	ng	98
68) Hexachlorobenzene	17.026	284	70115	42.382	ng	97
69) Atrazine	17.143	200	59649	41.284	ng	98
70) Pentachlorophenol	17.366	266	35002	36.712	ng	98
71) Phenanthrene	17.760	178	290182	40.608	ng	99
72) Anthracene	17.848	178	295267	40.269	ng	98
73) Carbazole	18.118	167	248191	40.207	ng	99
74) Di-n-butylphthalate	18.635	149	289124	40.709	ng	98
75) Fluoranthene	19.751	202	358317	40.316	ng	99
77) Benzidine	19.916	184	146474	51.061	ng	98
78) Pyrene	20.110	202	365288	39.177	ng	99
80) Butylbenzylphthalate	20.962	149	127341	43.044	ng	96
81) Benzo(a)anthracene	22.007	228	366333	40.072	ng	99
82) 3,3'-Dichlorobenzidine	21.902	252	121474	41.485	ng	97
83) Chrysene	22.078	228	341621	39.717	ng	100
84) Bis(2-ethylhexyl)phtha...	21.849	149	181510	41.468	ng	99
85) Di-n-octyl phthalate	23.141	149	304348	41.707	ng	97
87) Indeno(1,2,3-cd)pyrene	29.585	276	407275	40.025	ng	# 98
88) Benzo(b)fluoranthene	24.404	252	365544	40.052	ng	99
89) Benzo(k)fluoranthene	24.480	252	350110	37.750	ng	99
90) Benzo(a)pyrene	25.362	252	349584	39.206	ng	98
91) Dibenzo(a,h)anthracene	29.638	278	337320	39.806	ng	98
92) Benzo(g,h,i)perylene	30.854	276	335467	40.543	ng	99

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

