

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
 Data File : BG057718.D
 Acq On : 15 Jun 2023 10:16
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 15 10:56:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 03:52:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	30652	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	139167	20.000	ng	0.00
39) Acenaphthene-d10	14.576	164	96328	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	227011	20.000	ng	0.00
76) Chrysene-d12	21.573	240	191618	20.000	ng	0.00
86) Perylene-d12	24.734	264	242133	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	164336	87.298	ng	0.00
7) Phenol-d6	7.096	99	241836	83.625	ng	0.00
23) Nitrobenzene-d5	9.100	82	204529	90.173	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	103064	95.901	ng	0.00
45) 2-Fluorobiphenyl	13.201	172	499069	77.227	ng	0.00
79) Terphenyl-d14	19.934	244	796318	76.834	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.424	88	37264	38.882	ng	89
3) Pyridine	3.812	79	111262	41.011	ng	92
4) n-Nitrosodimethylamine	3.729	42	48641	36.760	ng	82
6) Aniline	7.266	93	152657	40.234	ng	96
8) 2-Chlorophenol	7.501	128	81549	45.183	ng	94
9) Benzaldehyde	7.078	77	68530	38.445	ng	96
10) Phenol	7.120	94	118620	41.977	ng	99
11) bis(2-Chloroethyl)ether	7.360	93	87843	39.661	ng	96
12) 1,3-Dichlorobenzene	7.830	146	81927	39.240	ng	97
13) 1,4-Dichlorobenzene	7.977	146	80960	39.111	ng	98
14) 1,2-Dichlorobenzene	8.295	146	80288	39.919	ng	99
15) Benzyl Alcohol	8.177	79	91783	41.440	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.465	45	170113	35.273	ng	97
17) 2-Methylphenol	8.377	107	87719	42.184	ng	96
18) Hexachloroethane	9.023	117	28556	44.640	ng	96
19) n-Nitroso-di-n-propyla...	8.747	70	83538	39.950	ng	93
20) 3+4-Methylphenols	8.706	107	121484	42.728	ng	96
22) Acetophenone	8.759	105	150523	37.231	ng	# 95
24) Nitrobenzene	9.147	77	107689	43.460	ng	97
25) Isophorone	9.664	82	239866	37.186	ng	99
26) 2-Nitrophenol	9.858	139	38187	57.060	ng	88
27) 2,4-Dimethylphenol	9.910	122	87444	40.598	ng	96
28) bis(2-Chloroethoxy)met...	10.151	93	129746	38.693	ng	97
29) 2,4-Dichlorophenol	10.386	162	81594	44.657	ng	97
30) 1,2,4-Trichlorobenzene	10.604	180	89187	37.556	ng	99
31) Naphthalene	10.798	128	286086	38.250	ng	99
32) Benzoic acid	10.034	122	60892	72.343	ng	96
33) 4-Chloroaniline	10.897	127	134265	38.557	ng	98
34) Hexachlorobutadiene	11.080	225	53525	35.841	ng	98
35) Caprolactam	11.673	113	32935	43.696	ng	# 91
36) 4-Chloro-3-methylphenol	12.020	107	107878	41.676	ng	97
37) 2-Methylnaphthalene	12.402	142	208684	37.713	ng	96
38) 1-Methylnaphthalene	12.619	142	196492m	37.852	ng	
40) 1,2,4,5-Tetrachloroben...	12.766	216	106478	39.048	ng	98
41) Hexachlorocyclopentadiene	12.748	237	54429	52.334	ng	98
43) 2,4,6-Trichlorophenol	13.007	196	77700	44.303	ng	99

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44) 2,4,5-Trichlorophenol	13.071	196	92542	44.596	ng	96
46) 1,1'-Biphenyl	13.412	154	260891	39.199	ng	97
47) 2-Chloronaphthalene	13.453	162	198558	39.472	ng	96
48) 2-Nitroaniline	13.653	65	72309	51.823	ng	98
49) Acenaphthylene	14.299	152	343444	39.369	ng	99
50) Dimethylphthalate	14.035	163	288355	40.826	ng	100
51) 2,6-Dinitrotoluene	14.147	165	54532	51.529	ng	89
52) Acenaphthene	14.640	154	212105	40.561	ng	99
53) 3-Nitroaniline	14.476	138	62057	50.491	ng	# 90
54) 2,4-Dinitrophenol	14.675	184	22055	60.754	ng	95
55) Dibenzofuran	14.975	168	337119	38.407	ng	99
56) 4-Nitrophenol	14.769	139	50479	52.107	ng	92
57) 2,4-Dinitrotoluene	14.934	165	73335	52.825	ng	91
58) Fluorene	15.621	166	265341	37.948	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	75824	43.902	ng	98
60) Diethylphthalate	15.398	149	294602	40.407	ng	98
61) 4-Chlorophenyl-phenyle...	15.615	204	142228	37.968	ng	99
62) 4-Nitroaniline	15.639	138	61769	46.269	ng	93
63) Azobenzene	15.909	77	297082	37.896	ng	97
65) 4,6-Dinitro-2-methylph...	15.692	198	34968	60.204	ng	92
66) n-Nitrosodiphenylamine	15.827	169	239450	40.350	ng	99
67) 4-Bromophenyl-phenylether	16.509	248	92121	39.853	ng	98
68) Hexachlorobenzene	16.620	284	94875	39.275	ng	97
69) Atrazine	16.773	200	83385	42.234	ng	98
70) Pentachlorophenol	16.961	266	72760	50.170	ng	97
71) Phenanthrene	17.360	178	427970	38.634	ng	99
72) Anthracene	17.449	178	436401	38.888	ng	99
73) Carbazole	17.719	167	405887	39.054	ng	99
74) Di-n-butylphthalate	18.283	149	506581	43.976	ng	99
75) Fluoranthene	19.370	202	512768	38.425	ng	99
77) Benzidine	19.552	184	217284	47.567	ng	97
78) Pyrene	19.734	202	524089	38.440	ng	99
80) Butylbenzylphthalate	20.627	149	224551	45.488	ng	96
81) Benzo(a)anthracene	21.556	228	515931	38.988	ng	99
82) 3,3'-Dichlorobenzidine	21.473	252	183894	42.664	ng	99
83) Chrysene	21.620	228	495045	39.309	ng	99
84) Bis(2-ethylhexyl)phtha...	21.473	149	322738	48.049	ng	98
85) Di-n-octyl phthalate	22.672	149	580657	50.134	ng	96
87) Indeno(1,2,3-cd)pyrene	28.348	276	609204	38.885	ng	# 93
88) Benzo(b)fluoranthene	23.730	252	508754	38.731	ng	99
89) Benzo(k)fluoranthene	23.800	252	517451	37.983	ng	97
90) Benzo(a)pyrene	24.587	252	509026	39.413	ng	99
91) Dibenzo(a,h)anthracene	28.412	278	509892	39.384	ng	99
92) Benzo(g,h,i)perylene	29.470	276	502945	38.921	ng	99

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

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