

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060823\
 Data File : BG057669.D
 Acq On : 8 Jun 2023 13:10
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 09 00:36:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 00:28:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.313	152	18638	20.000	ng	0.00
21) Naphthalene-d8	11.151	136	71845	20.000	ng	0.00
39) Acenaphthene-d10	14.934	164	48330	20.000	ng	0.00
64) Phenanthrene-d10	17.672	188	49865	20.000	ng	0.00
76) Chrysene-d12	21.973	240	43394	20.000	ng	0.00
86) Perylene-d12	25.434	264	51972	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.833	112	40498	45.154	ng	0.00
7) Phenol-d6	7.461	99	98267	66.626	ng	0.00
23) Nitrobenzene-d5	9.500	82	128951	79.568	ng	0.00
42) 2,4,6-Tribromophenol	16.421	330	52696	74.242	ng	0.00
45) 2-Fluorobiphenyl	13.560	172	268336	74.512	ng	0.00
79) Terphenyl-d14	20.240	244	286620	113.658	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.624	88	21107	37.197	ng	100
3) Pyridine	4.047	79	40620m	33.976	ng	
4) n-Nitrosodimethylamine	3.959	42	24500	27.454	ng	100
6) Aniline	7.631	93	84533	44.129	ng	100
8) 2-Chlorophenol	7.878	128	47134	42.027	ng	100
9) Benzaldehyde	7.443	77	29502	34.451	ng	100
10) Phenol	7.490	94	49218	34.724	ng	100
11) bis(2-Chloroethyl)ether	7.713	93	50580	45.528	ng	100
12) 1,3-Dichlorobenzene	8.201	146	49252	41.350	ng	100
13) 1,4-Dichlorobenzene	8.348	146	50236	39.896	ng	100
14) 1,2-Dichlorobenzene	8.677	146	48238	39.873	ng	100
15) Benzyl Alcohol	8.554	79	48255	40.194	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.836	45	98812	42.814	ng	100
17) 2-Methylphenol	8.759	107	47142	42.701	ng	100
18) Hexachloroethane	9.406	117	18737	39.338	ng	100
19) n-Nitroso-di-n-propyla...	9.118	70	43462	41.661	ng	100
20) 3+4-Methylphenols	9.088	107	64674	42.710	ng	100
22) Acetophenone	9.147	105	80208	39.993	ng	100
24) Nitrobenzene	9.541	77	64080	40.485	ng	100
25) Isophorone	10.058	82	120099	42.379	ng	100
26) 2-Nitrophenol	10.258	139	26519	41.145	ng	100
27) 2,4-Dimethylphenol	10.299	122	48176	40.891	ng	100
28) bis(2-Chloroethoxy)met...	10.528	93	67971	45.584	ng	100
29) 2,4-Dichlorophenol	10.804	162	45694	42.498	ng	100
30) 1,2,4-Trichlorobenzene	11.010	180	50605	39.051	ng	100
31) Naphthalene	11.204	128	155430	39.791	ng	100
32) Benzoic acid	10.463	122	17932m	31.087	ng	
33) 4-Chloroaniline	11.309	127	67269	39.569	ng	100
34) Hexachlorobutadiene	11.468	225	33943	38.066	ng	100
35) Caprolactam	12.079	113	14927	44.795	ng	100
36) 4-Chloro-3-methylphenol	12.414	107	54855	42.675	ng	100
37) 2-Methylnaphthalene	12.784	142	110904	41.537	ng	100
38) 1-Methylnaphthalene	13.001	142	104109	41.819	ng	100
40) 1,2,4,5-Tetrachloroben...	13.148	216	60290	38.695	ng	100
41) Hexachlorocyclopentadiene	13.113	237	9791	37.457	ng	100
43) 2,4,6-Trichlorophenol	13.383	196	38331	40.190	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.466	196	43083	38.660	ng	100
46) 1,1'-Biphenyl	13.771	154	137229	38.377	ng	100
47) 2-Chloronaphthalene	13.824	162	102970	38.758	ng	100
48) 2-Nitroaniline	14.024	65	42199	38.865	ng	100
49) Acenaphthylene	14.664	152	173810	38.790	ng	100
50) Dimethylphthalate	14.370	163	142077	38.398	ng	100
51) 2,6-Dinitrotoluene	14.506	165	31620	40.037	ng	100
52) Acenaphthene	14.999	154	102819	38.956	ng	100
53) 3-Nitroaniline	14.840	138	32729	40.556	ng	100
54) 2,4-Dinitrophenol	15.064	184	12373	41.268	ng	100
55) Dibenzofuran	15.328	168	173083	40.324	ng	100
56) 4-Nitrophenol	15.158	139	18935	41.222	ng	100
57) 2,4-Dinitrotoluene	15.299	165	44029	40.962	ng	100
58) Fluorene	15.974	166	139648	40.396	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.557	232	36168	40.098	ng	100
60) Diethylphthalate	15.716	149	144023	38.819	ng	100
61) 4-Chlorophenyl-phenyle...	15.951	204	74329	38.356	ng	100
62) 4-Nitroaniline	15.998	138	33928	42.606	ng	100
63) Azobenzene	16.245	77	148605	40.637	ng	100
65) 4,6-Dinitro-2-methylph...	16.063	198	25076	80.062	ng	100
66) n-Nitrosodiphenylamine	16.168	169	119534	72.222	ng	100
67) 4-Bromophenyl-phenylether	16.844	248	32429	51.869	ng	100
68) Hexachlorobenzene	16.979	284	22811	38.186	ng	100
69) Atrazine	17.102	200	18921	36.259	ng	100
70) Pentachlorophenol	17.332	266	8840	37.281	ng	100
71) Phenanthrene	17.714	178	99848	38.220	ng	100
72) Anthracene	17.808	178	101843	37.643	ng	100
73) Carbazole	18.078	167	96643	38.618	ng	100
74) Di-n-butylphthalate	18.589	149	156233	46.386	ng	100
75) Fluoranthene	19.705	202	130860	41.903	ng	100
77) Benzidine	19.876	184	57564	52.353	ng	100
78) Pyrene	20.070	202	190067	60.532	ng	100
80) Butylbenzylphthalate	20.910	149	49264	43.058	ng	100
81) Benzo(a)anthracene	21.950	228	120225	39.325	ng	100
82) 3,3'-Dichlorobenzidine	21.850	252	43485	40.137	ng	100
83) Chrysene	22.026	228	114152	39.479	ng	100
84) Bis(2-ethylhexyl)phtha...	21.791	149	69870	40.756	ng	100
85) Di-n-octyl phthalate	23.072	149	119577	40.395	ng	100
87) Indeno(1,2,3-cd)pyrene	29.459	276	132733	38.076	ng	100
88) Benzo(b)fluoranthene	24.323	252	121301	39.737	ng	100
89) Benzo(k)fluoranthene	24.400	252	119943	38.671	ng	100
90) Benzo(a)pyrene	25.275	252	116871	39.386	ng	100
91) Dibenzo(a,h)anthracene	29.500	278	110228	37.830	ng	100
92) Benzo(g,h,i)perylene	30.722	276	103179	36.252	ng	100

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

