

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041823\
 Data File : BG057130.D
 Acq On : 18 Apr 2023 18:24
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2023
 Supervised By :Jagrut Upadhyay 04/19/2023

Quant Time: Apr 19 04:10:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 19 03:30:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.396	152	9437	20.000	ng	0.00
21) Naphthalene-d8	11.239	136	60135	20.000	ng	0.00
39) Acenaphthene-d10	15.010	164	43845	20.000	ng	0.00
64) Phenanthrene-d10	17.748	188	79913	20.000	ng	0.00
76) Chrysene-d12	22.065	240	83671	20.000	ng	0.00
86) Perylene-d12	25.590	264	89713	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.905	112	49405	89.162	ng	0.00
7) Phenol-d6	7.532	99	74808	91.330	ng	0.00
23) Nitrobenzene-d5	9.576	82	121343	88.864	ng	0.00
42) 2,4,6-Tribromophenol	16.491	330	57174	76.863	ng	0.00
45) 2-Fluorobiphenyl	13.636	172	265351	79.734	ng	0.00
79) Terphenyl-d14	20.315	244	340856	61.631	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.714	88	15008	44.479	ng	100
3) Pyridine	4.137	79	33373	48.049	ng	100
4) n-Nitrosodimethylamine	4.043	42	16735	48.169	ng	100
6) Aniline	7.708	93	45181	43.889	ng	100
8) 2-Chlorophenol	7.955	128	24870	44.364	ng	100
9) Benzaldehyde	7.520	77	22206	45.549	ng	100
10) Phenol	7.556	94	33003	41.573	ng	100
11) bis(2-Chloroethyl)ether	7.797	93	23920	43.568	ng	100
12) 1,3-Dichlorobenzene	8.284	146	27706	42.745	ng	100
13) 1,4-Dichlorobenzene	8.431	146	28161	42.178	ng	100
14) 1,2-Dichlorobenzene	8.760	146	28925	42.563	ng	100
15) Benzyl Alcohol	8.631	79	31107	43.582	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.919	45	38604	47.065	ng	100
17) 2-Methylphenol	8.830	107	32230	46.266	ng	100
18) Hexachloroethane	9.500	117	15676	57.157	ng	100
19) n-Nitroso-di-n-propyla...	9.201	70	42412	57.702	ng	100
20) 3+4-Methylphenols	9.159	107	58304	58.486	ng	100
22) Acetophenone	9.224	105	71554	43.191	ng	100
24) Nitrobenzene	9.618	77	59506	43.725	ng	100
25) Isophorone	10.140	82	113829	44.297	ng	100
26) 2-Nitrophenol	10.334	139	25089	44.179	ng	100
27) 2,4-Dimethylphenol	10.375	122	41500	43.659	ng	100
28) bis(2-Chloroethoxy)met...	10.610	93	57992	43.953	ng	100
29) 2,4-Dichlorophenol	10.875	162	42626	42.434	ng	100
30) 1,2,4-Trichlorobenzene	11.092	180	46837	41.825	ng	100
31) Naphthalene	11.286	128	132555	41.438	ng	100
32) Benzoic acid	10.511	122	25098m	54.538	ng	
33) 4-Chloroaniline	11.386	127	61981	42.726	ng	100
34) Hexachlorobutadiene	11.562	225	32395	39.769	ng	100
35) Caprolactam	12.155	113	14911	43.389	ng	100
36) 4-Chloro-3-methylphenol	12.478	107	47474	41.044	ng	100
37) 2-Methylnaphthalene	12.866	142	102257	41.968	ng	100
38) 1-Methylnaphthalene	13.078	142	95764	41.160	ng	100
40) 1,2,4,5-Tetrachloroben...	13.225	216	60717	41.143	ng	100
41) Hexachlorocyclopentadiene	13.201	237	30751	45.193	ng	100
43) 2,4,6-Trichlorophenol	13.459	196	40166	41.318	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.530	196	45564	40.120	ng	100
46) 1,1'-Biphenyl	13.847	154	137070	39.973	ng	100
47) 2-Chloronaphthalene	13.900	162	101982	41.378	ng	100
48) 2-Nitroaniline	14.094	65	36121	43.388	ng	100
49) Acenaphthylene	14.740	152	167099	42.038	ng	100
50) Dimethylphthalate	14.446	163	141034	39.782	ng	100
51) 2,6-Dinitrotoluene	14.576	165	30244	40.189	ng	100
52) Acenaphthene	15.075	154	102945	40.736	ng	100
53) 3-Nitroaniline	14.905	138	32281	41.781	ng	100
54) 2,4-Dinitrophenol	15.116	184	17349	41.177	ng	100
55) Dibenzofuran	15.404	168	169450	41.692	ng	100
56) 4-Nitrophenol	15.204	139	23561	45.793	ng	100
57) 2,4-Dinitrotoluene	15.357	165	43439	40.949	ng	100
58) Fluorene	16.050	166	135893	38.390	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.627	232	37859	40.268	ng	100
60) Diethylphthalate	15.792	149	144972	40.218	ng	100
61) 4-Chlorophenyl-phenyle...	16.027	204	77948	38.095	ng	100
62) 4-Nitroaniline	16.068	138	33256	41.592	ng	100
63) Azobenzene	16.320	77	142514	41.839	ng	100
65) 4,6-Dinitro-2-methylph...	16.121	198	27213	50.273	ng	100
66) n-Nitrosodiphenylamine	16.244	169	120045	50.581	ng	100
67) 4-Bromophenyl-phenylether	16.925	248	50810	50.192	ng	100
68) Hexachlorobenzene	17.055	284	53382	49.432	ng	100
69) Atrazine	17.178	200	44800	50.232	ng	100
70) Pentachlorophenol	17.395	266	25423	44.468	ng	100
71) Phenanthrene	17.795	178	169887	40.992	ng	100
72) Anthracene	17.883	178	179456	41.925	ng	100
73) Carbazole	18.147	167	127772	35.664	ng	100
74) Di-n-butylphthalate	18.664	149	148948	35.479	ng	100
75) Fluoranthene	19.780	202	185159	38.053	ng	100
77) Benzidine	19.945	184	62432	27.180	ng	100
78) Pyrene	20.139	202	185512	29.615	ng	100
80) Butylbenzylphthalate	20.996	149	72117	31.328	ng	100
81) Benzo(a)anthracene	22.042	228	244035	40.809	ng	100
82) 3,3'-Dichlorobenzidine	21.942	252	74662	36.776	ng	100
83) Chrysene	22.118	228	230610	41.750	ng	100
84) Bis(2-ethylhexyl)phtha...	21.889	149	118596	37.553	ng	100
85) Di-n-octyl phthalate	23.199	149	225662	42.352	ng	100
87) Indeno(1,2,3-cd)pyrene	29.679	276	272568	40.792	ng	100
88) Benzo(b)fluoranthene	24.462	252	235394	41.029	ng	100
89) Benzo(k)fluoranthene	24.539	252	242514	41.779	ng	100
90) Benzo(a)pyrene	25.437	252	230029	41.530	ng	100
91) Dibenzo(a,h)anthracene	29.743	278	230961	41.189	ng	100
92) Benzo(g,h,i)perylene	30.953	276	219793	41.060	ng	100

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

