

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057636.D
 Acq On : 6 Jun 2023 14:00
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 06 14:34:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.340	152	25051	20.000	ng	0.00
21) Naphthalene-d8	11.183	136	104741	20.000	ng	# 0.00
39) Acenaphthene-d10	14.960	164	77321	20.000	ng	0.00
64) Phenanthrene-d10	17.703	188	192937	20.000	ng	0.00
76) Chrysene-d12	22.009	240	157351	20.000	ng	0.00
86) Perylene-d12	25.505	264	172363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.861	112	117227	81.298	ng	0.00
7) Phenol-d6	7.494	99	181209	80.301	ng	0.00
23) Nitrobenzene-d5	9.526	82	176991	78.991	ng	0.00
42) 2,4,6-Tribromophenol	16.446	330	92035	74.346	ng	0.00
45) 2-Fluorobiphenyl	13.586	172	446663	83.018	ng	0.00
79) Terphenyl-d14	20.271	244	751376	82.716	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.646	88	23172	38.786	ng	97
3) Pyridine	4.075	79	74191	40.620	ng	98
4) n-Nitrosodimethylamine	3.987	42	28129	38.063	ng	86
6) Aniline	7.652	93	109603	40.148	ng	97
8) 2-Chlorophenol	7.905	128	62476	40.358	ng	95
9) Benzaldehyde	7.470	77	53468	35.762	ng	95
10) Phenol	7.517	94	85612	40.083	ng	97
11) bis(2-Chloroethyl)ether	7.740	93	65041	40.782	ng	95
12) 1,3-Dichlorobenzene	8.228	146	67112	40.693	ng	98
13) 1,4-Dichlorobenzene	8.381	146	67525	40.245	ng	97
14) 1,2-Dichlorobenzene	8.704	146	66268	40.492	ng	94
15) Benzyl Alcohol	8.581	79	67102	38.655	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.863	45	83715	42.273	ng	95
17) 2-Methylphenol	8.786	107	63308	40.363	ng	98
18) Hexachloroethane	9.438	117	24565	42.757	ng	96
19) n-Nitroso-di-n-propyla...	9.144	70	64242	40.977	ng	99
20) 3+4-Methylphenols	9.121	107	88242	40.077	ng	96
22) Acetophenone	9.174	105	110055	39.295	ng	# 97
24) Nitrobenzene	9.567	77	89251	39.241	ng	98
25) Isophorone	10.084	82	177037	40.199	ng	98
26) 2-Nitrophenol	10.290	139	39970	40.987	ng	96
27) 2,4-Dimethylphenol	10.331	122	67399	39.975	ng	96
28) bis(2-Chloroethoxy)met...	10.560	93	95470	41.806	ng	97
29) 2,4-Dichlorophenol	10.836	162	70210	39.649	ng	97
30) 1,2,4-Trichlorobenzene	11.042	180	75116	38.922	ng	98
31) Naphthalene	11.236	128	221085	39.902	ng	99
32) Benzoic acid	10.490	122	30794	33.631	ng	90
33) 4-Chloroaniline	11.336	127	100771	39.549	ng	99
34) Hexachlorobutadiene	11.500	225	53038	39.733	ng	97
35) Caprolactam	12.111	113	25367	34.556	ng	91
36) 4-Chloro-3-methylphenol	12.440	107	81423	38.846	ng	96
37) 2-Methylnaphthalene	12.810	142	171832	39.514	ng	97
38) 1-Methylnaphthalene	13.027	142	162523	39.164	ng	99
40) 1,2,4,5-Tetrachloroben...	13.174	216	106801	42.082	ng	100
41) Hexachlorocyclopentadiene	13.145	237	13907	36.226	ng	95
43) 2,4,6-Trichlorophenol	13.409	196	66500	41.621	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.497	196	77302	40.622	ng	97
46) 1,1'-Biphenyl	13.797	154	230398	41.692	ng	98
47) 2-Chloronaphthalene	13.850	162	173057	41.575	ng	96
48) 2-Nitroaniline	14.055	65	58421	40.068	ng	99
49) Acenaphthylene	14.690	152	288694	40.958	ng	99
50) Dimethylphthalate	14.396	163	249817	39.201	ng	99
51) 2,6-Dinitrotoluene	14.531	165	55749	40.867	ng	98
52) Acenaphthene	15.025	154	174294	40.411	ng	94
53) 3-Nitroaniline	14.872	138	57015	40.071	ng	97
54) 2,4-Dinitrophenol	15.089	184	24575	34.528	ng	92
55) Dibenzofuran	15.360	168	293764	39.861	ng	97
56) 4-Nitrophenol	15.189	139	34281	36.161	ng	96
57) 2,4-Dinitrotoluene	15.324	165	79563	38.953	ng	# 97
58) Fluorene	16.000	166	243234	39.090	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.589	232	67072	37.623	ng	99
60) Diethylphthalate	15.741	149	256115	38.505	ng	98
61) 4-Chlorophenyl-phenyle...	15.976	204	137884	39.761	ng	97
62) 4-Nitroaniline	16.029	138	58405	38.052	ng	90
63) Azobenzene	16.276	77	236134	39.919	ng	97
65) 4,6-Dinitro-2-methylph...	16.094	198	48487	41.274	ng	94
66) n-Nitrosodiphenylamine	16.194	169	214997	42.873	ng	99
67) 4-Bromophenyl-phenylether	16.875	248	92733	42.848	ng	98
68) Hexachlorobenzene	17.010	284	92800	41.598	ng	99
69) Atrazine	17.128	200	83120	38.607	ng	99
70) Pentachlorophenol	17.363	266	41421	36.439	ng	97
71) Phenanthrene	17.745	178	400729	40.587	ng	99
72) Anthracene	17.839	178	411248	40.603	ng	99
73) Carbazole	18.103	167	355242	39.206	ng	99
74) Di-n-butylphthalate	18.614	149	426755	39.674	ng	99
75) Fluoranthene	19.736	202	479143	37.382	ng	99
77) Benzidine	19.901	184	172057	36.135	ng	97
78) Pyrene	20.100	202	478599	42.718	ng	98
80) Butylbenzylphthalate	20.940	149	174258	42.707	ng	99
81) Benzo(a)anthracene	21.986	228	445640	40.823	ng	99
82) 3,3'-Dichlorobenzidine	21.886	252	158969	39.489	ng	100
83) Chrysene	22.062	228	416933	40.416	ng	99
84) Bis(2-ethylhexyl)phtha...	21.827	149	248308	42.662	ng	99
85) Di-n-octyl phthalate	23.114	149	416992	43.223	ng	99
87) Indeno(1,2,3-cd)pyrene	29.570	276	486664	40.497	ng	# 67
88) Benzo(b)fluoranthene	24.389	252	420423	39.627	ng	97
89) Benzo(k)fluoranthene	24.459	252	431173	40.269	ng	98
90) Benzo(a)pyrene	25.346	252	411681	39.789	ng	99
91) Dibenzo(a,h)anthracene	29.611	278	406102	40.605	ng	98
92) Benzo(g,h,i)perylene	30.839	276	396559	40.656	ng	99

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

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