

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
 Data File : BG057536.D
 Acq On : 24 May 2023 15:24
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: May 25 02:24:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 02:19:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.367	152	20811	20.000	ng	0.00
21) Naphthalene-d8	11.198	136	83878	20.000	ng	0.00
39) Acenaphthene-d10	14.981	164	64083	20.000	ng	0.00
64) Phenanthrene-d10	17.719	188	161925	20.000	ng	0.00
76) Chrysene-d12	22.030	240	139101	20.000	ng	0.00
86) Perylene-d12	25.537	264	145819	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.882	112	97151	79.856	ng	0.00
7) Phenol-d6	7.509	99	150736	81.592	ng	0.00
23) Nitrobenzene-d5	9.541	82	151811	75.963	ng	0.00
42) 2,4,6-Tribromophenol	16.462	330	80389	88.410	ng	0.00
45) 2-Fluorobiphenyl	13.601	172	375813	78.983	ng	0.00
79) Terphenyl-d14	20.286	244	683577	80.197	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.673	88	18228	36.237	ng	97
3) Pyridine	4.102	79	58735	36.333	ng	97
4) n-Nitrosodimethylamine	4.014	42	25339	33.355	ng	82
6) Aniline	7.673	93	91043	38.847	ng	95
8) 2-Chlorophenol	7.926	128	52090	40.520	ng	97
9) Benzaldehyde	7.491	77	36627	36.831	ng	97
10) Phenol	7.532	94	72166	40.072	ng	96
11) bis(2-Chloroethyl)ether	7.762	93	52913	38.964	ng	99
12) 1,3-Dichlorobenzene	8.249	146	58356	41.130	ng	97
13) 1,4-Dichlorobenzene	8.396	146	58611	41.126	ng	95
14) 1,2-Dichlorobenzene	8.725	146	56791	41.278	ng	97
15) Benzyl Alcohol	8.602	79	58137	37.775	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.878	45	64101	37.451	ng	99
17) 2-Methylphenol	8.801	107	53200	40.980	ng	96
18) Hexachloroethane	9.459	117	20415	39.694	ng	97
19) n-Nitroso-di-n-propyla...	9.166	70	51446	36.520	ng	97
20) 3+4-Methylphenols	9.130	107	74206	41.745	ng	89
22) Acetophenone	9.195	105	91501	38.114	ng	# 93
24) Nitrobenzene	9.588	77	74129	36.750	ng	# 91
25) Isophorone	10.105	82	140990	36.382	ng	98
26) 2-Nitrophenol	10.305	139	33062	42.821	ng	94
27) 2,4-Dimethylphenol	10.346	122	55103	40.758	ng	96
28) bis(2-Chloroethoxy)met...	10.575	93	74564	38.407	ng	96
29) 2,4-Dichlorophenol	10.846	162	59674	41.616	ng	94
30) 1,2,4-Trichlorobenzene	11.057	180	65224	39.436	ng	97
31) Naphthalene	11.251	128	179228	39.969	ng	100
32) Benzoic acid	10.499	122	28885	38.127	ng	95
33) 4-Chloroaniline	11.357	127	80914	40.180	ng	98
34) Hexachlorobutadiene	11.521	225	47453	38.667	ng	97
35) Caprolactam	12.132	113	20360	41.566	ng	97
36) 4-Chloro-3-methylphenol	12.455	107	67133	41.197	ng	96
37) 2-Methylnaphthalene	12.831	142	140374	39.815	ng	95
38) 1-Methylnaphthalene	13.049	142	131840	39.673	ng	99
40) 1,2,4,5-Tetrachloroben...	13.195	216	90398	39.735	ng	99
41) Hexachlorocyclopentadiene	13.160	237	44880	44.107	ng	95
43) 2,4,6-Trichlorophenol	13.430	196	57531	41.508	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.507	196	64884	39.798	ng	98
46) 1,1'-Biphenyl	13.812	154	190905	40.147	ng	99
47) 2-Chloronaphthalene	13.871	162	143030	40.449	ng	99
48) 2-Nitroaniline	14.071	65	48412	40.265	ng	89
49) Acenaphthylene	14.705	152	233826	40.702	ng	99
50) Dimethylphthalate	14.417	163	204035	38.745	ng	98
51) 2,6-Dinitrotoluene	14.546	165	45791	42.589	ng	87
52) Acenaphthene	15.046	154	144139	40.152	ng	100
53) 3-Nitroaniline	14.887	138	43836	40.696	ng	86
54) 2,4-Dinitrophenol	15.099	184	29122	45.965	ng	93
55) Dibenzofuran	15.375	168	240676	39.903	ng	99
56) 4-Nitrophenol	15.193	139	29616	41.340	ng	94
57) 2,4-Dinitrotoluene	15.340	165	66260	43.120	ng	# 89
58) Fluorene	16.021	166	199516	40.159	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.598	232	60520	40.944	ng	100
60) Diethylphthalate	15.757	149	211198	39.492	ng	99
61) 4-Chlorophenyl-phenyle...	15.997	204	117970	39.416	ng	96
62) 4-Nitroaniline	16.044	138	46673	42.951	ng	90
63) Azobenzene	16.291	77	191546	37.122	ng	95
65) 4,6-Dinitro-2-methylph...	16.103	198	43019	44.498	ng	97
66) n-Nitrosodiphenylamine	16.215	169	176219	40.069	ng	99
67) 4-Bromophenyl-phenylether	16.890	248	78527	39.726	ng	99
68) Hexachlorobenzene	17.025	284	80137	41.718	ng	95
69) Atrazine	17.143	200	71126	42.396	ng	99
70) Pentachlorophenol	17.372	266	45520	41.118	ng	96
71) Phenanthrene	17.760	178	336922	40.606	ng	99
72) Anthracene	17.854	178	347149	40.775	ng	98
73) Carbazole	18.118	167	295791	41.269	ng	99
74) Di-n-butylphthalate	18.629	149	357140	43.308	ng	98
75) Fluoranthene	19.751	202	410327	39.761	ng	99
77) Benzidine	19.916	184	122270	39.318	ng	99
78) Pyrene	20.115	202	409273	40.490	ng	99
80) Butylbenzylphthalate	20.961	149	147658	46.040	ng	97
81) Benzo(a)anthracene	22.007	228	395829	39.940	ng	100
82) 3,3'-Dichlorobenzidine	21.901	252	130918	41.242	ng	99
83) Chrysene	22.077	228	373427	40.047	ng	98
84) Bis(2-ethylhexyl)phtha...	21.848	149	209403	44.129	ng	99
85) Di-n-octyl phthalate	23.141	149	346170	43.759	ng	97
87) Indeno(1,2,3-cd)pyrene	29.608	276	428779	40.346	ng	100
88) Benzo(b)fluoranthene	24.415	252	378855	39.745	ng	99
89) Benzo(k)fluoranthene	24.486	252	370878	38.289	ng	98
90) Benzo(a)pyrene	25.379	252	367786	39.494	ng	98
91) Dibenzo(a,h)anthracene	29.655	278	360255	40.704	ng	98
92) Benzo(g,h,i)perylene	30.883	276	352473	40.787	ng	99

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

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