

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058618.D
 Acq On : 7 Aug 2023 8:46
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 07 12:43:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	54634	20.000	ng	0.00
21) Naphthalene-d8	10.613	136	233678	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	171291	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	434970	20.000	ng	0.00
76) Chrysene-d12	21.454	240	381334	20.000	ng	0.00
86) Perylene-d12	24.521	264	485385	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	273533	76.524	ng	0.00
7) Phenol-d6	6.988	99	399202	80.261	ng	0.00
23) Nitrobenzene-d5	8.980	82	366432	77.034	ng	0.00
42) 2,4,6-Tribromophenol	15.954	330	219778	78.280	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	825912	72.258	ng	0.00
79) Terphenyl-d14	19.826	244	1524867	75.198	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	62971	36.356	ng	99
3) Pyridine	3.668	79	185334	39.247	ng	96
4) n-Nitrosodimethylamine	3.586	42	78729	39.348	ng	93
6) Aniline	7.141	93	245525	40.094	ng	97
8) 2-Chlorophenol	7.376	128	137163	39.115	ng	99
9) Benzaldehyde	6.953	77	100432	37.166	ng	96
10) Phenol	7.012	94	193046	39.733	ng	97
11) bis(2-Chloroethyl)ether	7.235	93	146837	38.335	ng	96
12) 1,3-Dichlorobenzene	7.699	146	139074	37.142	ng	98
13) 1,4-Dichlorobenzene	7.846	146	141366	37.600	ng	95
14) 1,2-Dichlorobenzene	8.169	146	135735	37.761	ng	98
15) Benzyl Alcohol	8.052	79	139272	44.154	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.345	45	248533	39.944	ng	99
17) 2-Methylphenol	8.263	107	139889	39.377	ng	97
18) Hexachloroethane	8.892	117	52465	38.392	ng	94
19) n-Nitroso-di-n-propyla...	8.622	70	132219	41.155	ng	98
20) 3+4-Methylphenols	8.592	107	200626	41.751	ng	97
22) Acetophenone	8.639	105	241356	38.574	ng	# 99
24) Nitrobenzene	9.021	77	183573	37.961	ng	98
25) Isophorone	9.538	82	388348	39.513	ng	100
26) 2-Nitrophenol	9.732	139	83886	39.850	ng	99
27) 2,4-Dimethylphenol	9.791	122	137504	39.380	ng	100
28) bis(2-Chloroethoxy)met...	10.026	93	207490	38.793	ng	99
29) 2,4-Dichlorophenol	10.267	162	140605	38.783	ng	100
30) 1,2,4-Trichlorobenzene	10.478	180	155959	37.302	ng	99
31) Naphthalene	10.666	128	464929	37.749	ng	99
32) Benzoic acid	9.955	122	109413	41.707	ng	99
33) 4-Chloroaniline	10.778	127	217325	41.764	ng	99
34) Hexachlorobutadiene	10.942	225	98215	36.477	ng	98
35) Caprolactam	11.565	113	58865	43.969	ng	# 85
36) 4-Chloro-3-methylphenol	11.912	107	181586	40.490	ng	98
37) 2-Methylnaphthalene	12.282	142	341626	38.777	ng	98
38) 1-Methylnaphthalene	12.499	142	324288	38.723	ng	99
40) 1,2,4,5-Tetrachloroben...	12.652	216	189495	36.034	ng	100
41) Hexachlorocyclopentadiene	12.623	237	73659	34.401	ng	95
43) 2,4,6-Trichlorophenol	12.893	196	137073	37.896	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	161600	37.931	ng	98
46) 1,1'-Biphenyl	13.293	154	436141	37.076	ng	99
47) 2-Chloronaphthalene	13.339	162	339502	37.015	ng	98
48) 2-Nitroaniline	13.545	65	142426	40.683	ng	93
49) Acenaphthylene	14.186	152	578556	37.676	ng	100
50) Dimethylphthalate	13.921	163	507200	39.427	ng	100
51) 2,6-Dinitrotoluene	14.045	165	112326	39.794	ng	96
52) Acenaphthene	14.526	154	333874	37.628	ng	99
53) 3-Nitroaniline	14.379	138	117001	41.430	ng	97
54) 2,4-Dinitrophenol	14.591	184	60933	42.196	ng	99
55) Dibenzofuran	14.861	168	576738	37.827	ng	99
56) 4-Nitrophenol	14.697	139	84829	42.177	ng	98
57) 2,4-Dinitrotoluene	14.838	165	164292	41.983	ng	99
58) Fluorene	15.508	166	465297	38.416	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.090	232	142067	39.078	ng	99
60) Diethylphthalate	15.284	149	524713	40.037	ng	99
61) 4-Chlorophenyl-phenyle...	15.502	204	260820	38.625	ng	96
62) 4-Nitroaniline	15.543	138	121303	45.343	ng	97
63) Azobenzene	15.795	77	510286	39.531	ng	98
65) 4,6-Dinitro-2-methylph...	15.602	198	100734	42.001	ng	98
66) n-Nitrosodiphenylamine	15.719	169	423553	37.413	ng	99
67) 4-Bromophenyl-phenylether	16.395	248	183056	37.105	ng	97
68) Hexachlorobenzene	16.518	284	192848	36.889	ng	98
69) Atrazine	16.671	200	149904	39.224	ng	99
70) Pentachlorophenol	16.865	266	127060	40.155	ng	99
71) Phenanthrene	17.253	178	769492	37.303	ng	99
72) Anthracene	17.341	178	798002	37.702	ng	99
73) Carbazole	17.617	167	741954	39.751	ng	100
74) Di-n-butylphthalate	18.169	149	945147	40.428	ng	100
75) Fluoranthene	19.268	202	969567	39.129	ng	99
77) Benzidine	19.450	184	313512	54.217	ng	98
78) Pyrene	19.626	202	982403	37.855	ng	100
80) Butylbenzylphthalate	20.513	149	427719	40.124	ng	100
81) Benzo(a)anthracene	21.430	228	1007904	38.406	ng	100
82) 3,3'-Dichlorobenzidine	21.354	252	362110	40.810	ng	100
83) Chrysene	21.495	228	962604	38.257	ng	99
84) Bis(2-ethylhexyl)phtha...	21.336	149	611936	39.283	ng	98
85) Di-n-octyl phthalate	22.488	149	1088510	39.745	ng	99
87) Indeno(1,2,3-cd)pyrene	28.028	276	1256540	38.913	ng	100
88) Benzo(b)fluoranthene	23.545	252	1021905	38.817	ng	99
89) Benzo(k)fluoranthene	23.616	252	1026972	38.831	ng	99
90) Benzo(a)pyrene	24.380	252	1011088	39.108	ng	100
91) Dibenzo(a,h)anthracene	28.081	278	1038737	38.904	ng	99
92) Benzo(g,h,i)perylene	29.115	276	1036787	38.724	ng	98

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

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