

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011224\
 Data File : BG060313.D
 Acq On : 12 Jan 2024 13:01
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 12 13:36:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	326057	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	1292991	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	884072	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	2159527	20.000	ng	0.00
76) Chrysene-d12	21.581	240	2124353	20.000	ng	0.00
86) Perylene-d12	24.742	264	2345620	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1370971	69.158	ng	0.00
7) Phenol-d6	7.098	99	2379721	81.069	ng	0.00
23) Nitrobenzene-d5	9.095	82	2434329	88.902	ng	0.00
42) 2,4,6-Tribromophenol	16.058	330	1041181	80.046	ng	0.00
45) 2-Fluorobiphenyl	13.190	172	5013886	78.850	ng	0.00
79) Terphenyl-d14	19.935	244	6462105	72.650	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.408	88	379934	41.957	ng	99
3) Pyridine	3.807	79	1080448	42.289	ng	95
4) n-Nitrosodimethylamine	3.725	42	353319	44.187	ng	100
6) Aniline	7.256	93	1181251	40.260	ng	98
8) 2-Chlorophenol	7.497	128	778672	39.635	ng	97
9) Benzaldehyde	7.068	77	675249	40.076	ng	94
10) Phenol	7.121	94	1208337	41.056	ng	99
11) bis(2-Chloroethyl)ether	7.350	93	954253	39.790	ng	98
12) 1,3-Dichlorobenzene	7.820	146	978269	39.671	ng	98
13) 1,4-Dichlorobenzene	7.967	146	990681	39.596	ng	99
14) 1,2-Dichlorobenzene	8.284	146	986399	38.340	ng	98
15) Benzyl Alcohol	8.167	79	764672	40.243	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.461	45	1086695	37.333	ng	99
17) 2-Methylphenol	8.373	107	775541	38.365	ng	97
18) Hexachloroethane	9.013	117	339187	38.665	ng	95
19) n-Nitroso-di-n-propyla...	8.737	70	770473	37.924	ng	97
20) 3+4-Methylphenols	8.702	107	1058685	38.843	ng	97
22) Acetophenone	8.754	105	1414774	39.806	ng	98
24) Nitrobenzene	9.136	77	1126798	39.696	ng	98
25) Isophorone	9.653	82	2069182	37.628	ng	99
26) 2-Nitrophenol	9.847	139	434488	41.630	ng	97
27) 2,4-Dimethylphenol	9.900	122	539697	39.134	ng	97
28) bis(2-Chloroethoxy)met...	10.141	93	1269375	37.780	ng	99
29) 2,4-Dichlorophenol	10.376	162	906472	40.562	ng	98
30) 1,2,4-Trichlorobenzene	10.593	180	1116989	40.175	ng	95
31) Naphthalene	10.787	128	2649334	39.089	ng	99
32) Benzoic acid	10.047	122	377492	34.609	ng	89
33) 4-Chloroaniline	10.893	127	1008110	38.602	ng	99
34) Hexachlorobutadiene	11.069	225	699299	38.610	ng	99
35) Caprolactam	11.669	113	284242	39.489	ng	94
36) 4-Chloro-3-methylphenol	12.015	107	876461	38.605	ng	100
37) 2-Methylnaphthalene	12.391	142	1876079	37.322	ng	97
38) 1-Methylnaphthalene	12.609	142	1868069	37.008	ng	100
40) 1,2,4,5-Tetrachloroben...	12.762	216	1220441	38.870	ng	100
41) Hexachlorocyclopentadiene	12.738	237	437910	42.008	ng	99
43) 2,4,6-Trichlorophenol	12.997	196	801957	40.135	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.073	196	892528	40.497	ng	98
46) 1,1'-Biphenyl	13.402	154	2602679	39.001	ng	99
47) 2-Chloronaphthalene	13.443	162	2240637	39.193	ng	98
48) 2-Nitroaniline	13.649	65	621421	43.647	ng	98
49) Acenaphthylene	14.289	152	3155408	40.081	ng	98
50) Dimethylphthalate	14.025	163	2671279	39.540	ng	99
51) 2,6-Dinitrotoluene	14.142	165	634903	44.042	ng	92
52) Acenaphthene	14.636	154	1938074	39.535	ng	99
53) 3-Nitroaniline	14.471	138	560330	42.657	ng	97
54) 2,4-Dinitrophenol	14.677	184	283366	37.527	ng	93
55) Dibenzofuran	14.965	168	3179071	38.848	ng	97
56) 4-Nitrophenol	14.783	139	441603	45.324	ng	98
57) 2,4-Dinitrotoluene	14.930	165	843873	42.688	ng	99
58) Fluorene	15.617	166	2621053	38.677	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.194	232	772415	41.273	ng	99
60) Diethylphthalate	15.388	149	2565603	39.557	ng	99
61) 4-Chlorophenyl-phenyle...	15.605	204	1433520	38.400	ng	98
62) 4-Nitroaniline	15.646	138	606461	43.379	ng	98
63) Azobenzene	15.899	77	2575643	39.262	ng	99
65) 4,6-Dinitro-2-methylph...	15.693	198	503077	42.109	ng	96
66) n-Nitrosodiphenylamine	15.823	169	2283367	39.821	ng	98
67) 4-Bromophenyl-phenylether	16.504	248	940630	39.641	ng	97
68) Hexachlorobenzene	16.622	284	1092014	38.878	ng	99
69) Atrazine	16.769	200	814068	37.651	ng	98
70) Pentachlorophenol	16.962	266	715838	47.281	ng	92
71) Phenanthrene	17.356	178	4006251	38.381	ng	97
72) Anthracene	17.450	178	4021648	38.590	ng	98
73) Carbazole	17.720	167	3871735	39.408	ng	98
74) Di-n-butylphthalate	18.279	149	4008865	39.656	ng	98
75) Fluoranthene	19.371	202	4757896	37.950	ng	96
77) Benzidine	19.554	184	1741459	37.733	ng	99
78) Pyrene	19.736	202	4923912	36.296	ng	98
80) Butylbenzylphthalate	20.623	149	2020219	43.284	ng	100
81) Benzo(a)anthracene	21.557	228	4996014	37.989	ng	96
82) 3,3'-Dichlorobenzidine	21.481	252	2059475	40.891	ng	99
83) Chrysene	21.628	228	4852719	37.518	ng	96
84) Bis(2-ethylhexyl)phtha...	21.463	149	2924348	41.464	ng	96
85) Di-n-octyl phthalate	22.656	149	4758922	41.639	ng	99
87) Indeno(1,2,3-cd)pyrene	28.355	276	6404712	39.270	ng	# 93
88) Benzo(b)fluoranthene	23.737	252	5503693	39.718	ng	99
89) Benzo(k)fluoranthene	23.807	252	5422930	39.658	ng	99
90) Benzo(a)pyrene	24.595	252	4961026	39.632	ng	97
91) Dibenzo(a,h)anthracene	28.420	278	5201101	39.049	ng	99
92) Benzo(g,h,i)perylene	29.489	276	5331188	39.053	ng	97

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

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