

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030724\
 Data File : BG060591.D
 Acq On : 7 Mar 2024 16:11
 Operator : MA/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Quant Time: Mar 08 03:33:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 08 03:18:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.326	152	84641	20.000	ng	0.00
21) Naphthalene-d8	11.176	136	361722	20.000	ng	# 0.00
39) Acenaphthene-d10	14.953	164	237133	20.000	ng	0.00
64) Phenanthrene-d10	17.703	188	493328	20.000	ng	0.00
76) Chrysene-d12	22.028	240	441865	20.000	ng	0.00
86) Perylene-d12	25.582	264	502157	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	811830	158.961	ng	0.00
7) Phenol-d6	7.445	99	1168101	151.485	ng	0.00
23) Nitrobenzene-d5	9.530	82	1100948	174.402	ng	0.00
42) 2,4,6-Tribromophenol	16.440	330	464414	160.872	ng	0.00
45) 2-Fluorobiphenyl	13.584	172	2566303	147.841	ng	0.00
79) Terphenyl-d14	20.282	244	3412628	136.406	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.649	88	166770	74.714	ng	98
3) Pyridine	4.072	79	530873	77.521	ng	98
4) n-Nitrosodimethylamine	4.002	42	271170	78.187	ng	98
6) Aniline	7.656	93	718345	75.237	ng	97
8) 2-Chlorophenol	7.874	128	444794	76.975	ng	98
9) Benzaldehyde	7.474	77	293580	67.205	ng	95
10) Phenol	7.474	94	572480	75.345	ng	98
11) bis(2-Chloroethyl)ether	7.744	93	465794	75.921	ng	99
12) 1,3-Dichlorobenzene	8.208	146	476306	74.734	ng	99
13) 1,4-Dichlorobenzene	8.367	146	480262	74.440	ng	97
14) 1,2-Dichlorobenzene	8.684	146	471411	75.005	ng	97
15) Benzyl Alcohol	8.573	79	465937	76.279	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.849	45	916907	75.696	ng	100
17) 2-Methylphenol	8.749	107	452780	76.267	ng	97
18) Hexachloroethane	9.413	117	165793	76.188	ng	90
19) n-Nitroso-di-n-propyla...	9.149	70	413297	76.658	ng	98
20) 3+4-Methylphenols	9.084	107	618518	77.902	ng	97
22) Acetophenone	9.172	105	764240	74.650	ng	# 98
24) Nitrobenzene	9.572	77	551969	85.501	ng	99
25) Isophorone	10.083	82	1047747	74.494	ng	99
26) 2-Nitrophenol	10.277	139	203552	80.567	ng	97
27) 2,4-Dimethylphenol	10.300	122	454990	73.499	ng	98
28) bis(2-Chloroethoxy)met...	10.564	93	604926	74.171	ng	98
29) 2,4-Dichlorophenol	10.800	162	452740	83.334	ng	97
30) 1,2,4-Trichlorobenzene	11.017	180	454068	78.105	ng	99
31) Naphthalene	11.228	128	1546588	76.099	ng	98
32) Benzoic acid	10.453	122	295434	79.949	ng	97
33) 4-Chloroaniline	11.340	127	670541	76.067	ng	98
34) Hexachlorobutadiene	11.458	225	313994	77.668	ng	97
35) Caprolactam	12.157	113	151779	75.977	ng	94
36) 4-Chloro-3-methylphenol	12.409	107	532317	76.311	ng	97
37) 2-Methylnaphthalene	12.803	142	1072993	75.120	ng	99
38) 1-Methylnaphthalene	13.020	142	1004346	73.992	ng	97
40) 1,2,4,5-Tetrachloroben...	13.144	216	566422	80.404	ng	99
41) Hexachlorocyclopentadiene	13.103	237	305186	92.213	ng	98
43) 2,4,6-Trichlorophenol	13.385	196	379887	83.586	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.449	196	438369	81.498	ng	99
46) 1,1'-Biphenyl	13.796	154	1357134	76.893	ng	98
47) 2-Chloronaphthalene	13.849	162	1029893	77.653	ng	99
48) 2-Nitroaniline	14.060	65	362351	79.739	ng	96
49) Acenaphthylene	14.689	152	1704812	77.092	ng	99
50) Dimethylphthalate	14.407	163	1373438	77.023	ng	100
51) 2,6-Dinitrotoluene	14.542	165	259025	79.193	ng	96
52) Acenaphthene	15.018	154	1017679	76.741	ng	99
53) 3-Nitroaniline	14.883	138	296563	78.913	ng	95
54) 2,4-Dinitrophenol	15.071	184	115107	80.974	ng	95
55) Dibenzofuran	15.353	168	1620815	75.318	ng	96
56) 4-Nitrophenol	15.141	139	229750	86.632	ng	96
57) 2,4-Dinitrotoluene	15.318	165	325432	79.995	ng	# 95
58) Fluorene	15.999	166	1298865	74.576	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.553	232	371523	82.357	ng	94
60) Diethylphthalate	15.747	149	1414181	75.505	ng	99
61) 4-Chlorophenyl-phenyle...	15.982	204	662174	75.937	ng	99
62) 4-Nitroaniline	16.046	138	312557	78.791	ng	98
63) Azobenzene	16.275	77	1456940	76.043	ng	100
65) 4,6-Dinitro-2-methylph...	16.070	198	165208	81.122	ng	92
66) n-Nitrosodiphenylamine	16.205	169	1187002	77.147	ng	99
67) 4-Bromophenyl-phenylether	16.881	248	436657	79.350	ng	94
68) Hexachlorobenzene	16.969	284	473355	78.215	ng	96
69) Atrazine	17.139	200	414935	77.803	ng	98
70) Pentachlorophenol	17.321	266	338923	86.655	ng	96
71) Phenanthrene	17.750	178	1992688	75.037	ng	99
72) Anthracene	17.838	178	2037613	75.094	ng	99
73) Carbazole	18.114	167	1788101	75.661	ng	98
74) Di-n-butylphthalate	18.626	149	2246341	76.165	ng	98
75) Fluoranthene	19.736	202	2253444	74.067	ng	98
77) Benzidine	19.924	184	960488	86.042	ng	98
78) Pyrene	20.100	202	2320129	74.744	ng	98
80) Butylbenzylphthalate	20.964	149	981533	82.375	ng	98
81) Benzo(a)anthracene	22.004	228	2360629	76.902	ng	99
82) 3,3'-Dichlorobenzidine	21.916	252	845425	80.700	ng	98
83) Chrysene	22.080	228	2285857	76.499	ng	99
84) Bis(2-ethylhexyl)phtha...	21.851	149	1452684	82.526	ng	99
85) Di-n-octyl phthalate	23.191	149	2440153	83.130	ng	99
87) Indeno(1,2,3-cd)pyrene	29.724	276	2819058	82.038	ng	100
88) Benzo(b)fluoranthene	24.436	252	2254162	80.706	ng	98
89) Benzo(k)fluoranthene	24.519	252	2326027	79.276	ng	99
90) Benzo(a)pyrene	25.424	252	2200349	79.853	ng	97
91) Dibenzo(a,h)anthracene	29.818	278	2387211	82.556	ng	97
92) Benzo(g,h,i)perylene	31.052	276	2315735	82.122	ng	99

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

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