

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
 Data File : BG051089.D
 Acq On : 17 Nov 2021 12:45
 Operator : CG/JU
 Sample : PB140805BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB140805BS

Quant Time: Nov 17 13:28:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	32277	20.000	ng	0.00
21) Naphthalene-d8	11.056	136	143539	20.000	ng	# 0.00
39) Acenaphthene-d10	14.857	164	97811	20.000	ng	0.00
64) Phenanthrene-d10	17.601	188	210821	20.000	ng	# 0.00
76) Chrysene-d12	21.908	240	163928	20.000	ng	# 0.00
86) Perylene-d12	25.322	264	164571	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	276066	127.945	ng	0.00
7) Phenol-d6	7.378	99	364912	119.821	ng	0.00
23) Nitrobenzene-d5	9.405	82	248877	76.752	ng	0.00
42) 2,4,6-Tribromophenol	16.350	330	124648	127.345	ng	0.00
45) 2-Fluorobiphenyl	13.477	172	504122	81.436	ng	0.00
79) Terphenyl-d14	20.192	244	735728	82.123	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.606	88	25470	26.268	ng	94
3) Pyridine	4.023	79	67232	23.469	ng	# 86
4) n-Nitrosodimethylamine	3.935	42	47134	37.093	ng	# 39
6) Aniline	7.548	93	151528	41.777	ng	97
8) 2-Chlorophenol	7.789	128	102943	46.450	ng	94
9) Benzaldehyde	7.360	77	74052	33.790	ng	89
10) Phenol	7.407	94	141653	45.290	ng	83
11) bis(2-Chloroethyl)ether	7.637	93	97074	40.279	ng	89
12) 1,3-Dichlorobenzene	8.112	146	99943	41.405	ng	94
13) 1,4-Dichlorobenzene	8.265	146	102121	42.034	ng	95
14) 1,2-Dichlorobenzene	8.582	146	100177	42.455	ng	96
15) Benzyl Alcohol	8.465	79	110894	46.294	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.747	45	148149	38.348	ng	88
17) 2-Methylphenol	8.665	107	95054	45.643	ng	# 90
18) Hexachloroethane	9.317	117	38384	41.621	ng	98
19) n-Nitroso-di-n-propyla...	9.029	70	92112	40.928	ng	# 87
20) 3+4-Methylphenols	9.000	107	129560	44.087	ng	94
22) Acetophenone	9.058	105	157751	39.542	ng	# 93
24) Nitrobenzene	9.446	77	133820	41.860	ng	91
25) Isophorone	9.969	82	240373	41.014	ng	# 95
26) 2-Nitrophenol	10.163	139	59899	44.086	ng	# 87
27) 2,4-Dimethylphenol	10.210	122	106039	51.202	ng	93
28) bis(2-Chloroethoxy)met...	10.439	93	137479	39.463	ng	94
29) 2,4-Dichlorophenol	10.704	162	101907	46.023	ng	96
30) 1,2,4-Trichlorobenzene	10.915	180	107151	43.195	ng	96
31) Naphthalene	11.109	128	320318	41.559	ng	98
32) Benzoic acid	10.363	122	63715	39.919	ng	# 79
33) 4-Chloroaniline	11.215	127	109341	33.577	ng	96
34) Hexachlorobutadiene	11.373	225	64816	42.941	ng	93
35) Caprolactam	12.002	113	37290	61.939	ng	# 67
36) 4-Chloro-3-methylphenol	12.319	107	121662	44.040	ng	# 92
37) 2-Methylnaphthalene	12.695	142	231017	44.109	ng	92
38) 1-Methylnaphthalene	12.919	142	213174	41.650	ng	92
40) 1,2,4,5-Tetrachloroben...	13.060	216	122740	43.075	ng	98
41) Hexachlorocyclopentadiene	13.024	237	115157	118.672	ng	93
43) 2,4,6-Trichlorophenol	13.300	196	88740	43.650	ng	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.377	196	96348	44.437	ng	90
46) 1,1'-Biphenyl	13.694	154	292843	41.001	ng	95
47) 2-Chloronaphthalene	13.741	162	233271	41.654	ng	96
48) 2-Nitroaniline	13.947	65	88535	41.283	ng	87
49) Acenaphthylene	14.587	152	378731	41.815	ng	96
50) Dimethylphthalate	14.299	163	313095	40.684	ng	100
51) 2,6-Dinitrotoluene	14.434	165	69408	43.821	ng	# 80
52) Acenaphthene	14.922	154	219958	41.678	ng	92
53) 3-Nitroaniline	14.763	138	62188	33.595	ng	96
54) 2,4-Dinitrophenol	14.981	184	76819	88.689	ng	83
55) Dibenzofuran	15.251	168	366496	40.829	ng	96
56) 4-Nitrophenol	15.075	139	110590	78.093	ng	# 75
57) 2,4-Dinitrotoluene	15.222	165	96369	42.882	ng	93
58) Fluorene	15.903	166	292396	41.729	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.480	232	80374	43.525	ng	# 99
60) Diethylphthalate	15.651	149	326928	40.484	ng	98
61) 4-Chlorophenyl-phenyle...	15.886	204	158350	41.839	ng	95
62) 4-Nitroaniline	15.927	138	73908	38.410	ng	# 64
63) Azobenzene	16.179	77	334077	39.038	ng	83
65) 4,6-Dinitro-2-methylph...	15.986	198	53637	41.124	ng	90
66) n-Nitrosodiphenylamine	16.103	169	265007	43.770	ng	97
67) 4-Bromophenyl-phenylether	16.779	248	98941	44.804	ng	95
68) Hexachlorobenzene	16.908	284	101047	46.486	ng	95
69) Atrazine	17.043	200	102560	68.130	ng	97
70) Pentachlorophenol	17.255	266	112126	90.898	ng	99
71) Phenanthrene	17.648	178	479679	42.656	ng	97
72) Anthracene	17.742	178	490732	43.877	ng	99
73) Carbazole	18.007	167	430258	38.846	ng	99
74) Di-n-butylphthalate	18.536	149	533511	40.655	ng	# 96
75) Fluoranthene	19.646	202	536891	38.916	ng	96
77) Benzidine	19.822	184	306430	98.893	ng	99
78) Pyrene	20.010	202	531066	43.184	ng	97
80) Butylbenzylphthalate	20.868	149	214293	40.539	ng	98
81) Benzo(a)anthracene	21.885	228	473147	42.035	ng	100
82) 3,3'-Dichlorobenzidine	21.791	252	146755	28.508	ng	# 98
83) Chrysene	21.955	228	458297	43.161	ng	97
84) Bis(2-ethylhexyl)phtha...	21.744	149	305725	41.074	ng	97
85) Di-n-octyl phthalate	23.018	149	518561	41.387	ng	99
87) Indeno(1,2,3-cd)pyrene	29.264	276	521794	44.670	ng	# 94
88) Benzo(b)fluoranthene	24.229	252	468560	45.232	ng	# 95
89) Benzo(k)fluoranthene	24.305	252	458857	44.412	ng	# 98
90) Benzo(a)pyrene	25.163	252	456808	51.653	ng	# 94
91) Dibenzo(a,h)anthracene	29.329	278	438700	45.615	ng	# 92
92) Benzo(g,h,i)perylene	30.498	276	436928	46.165	ng	# 90

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

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