

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
 Data File : BM040198.D
 Acq On : 09 Jun 2023 19:09
 Operator : MA/JU
 Sample : 03039-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB30BMSD

Quant Time: Jun 10 04:43:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 23:25:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	360476	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1665300	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	1064553	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	2213337	20.000	ng	0.00
76) Chrysene-d12	21.550	240	2231122	20.000	ng	0.00
86) Perylene-d12	23.980	264	2062006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2457066	101.776	ng	0.00
7) Phenol-d6	7.151	99	3218238	97.693	ng	0.00
23) Nitrobenzene-d5	9.157	82	1788771	58.139	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	1617863	101.010	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	4400215	54.632	ng	0.00
79) Terphenyl-d14	19.986	244	7573603	62.575	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	318679	33.241	ng	98
3) Pyridine	3.804	79	883289	32.122	ng	96
4) n-Nitrosodimethylamine	3.716	42	405737	36.394	ng	90
6) Aniline	7.310	93	1436703	36.035	ng	99
8) 2-Chlorophenol	7.551	128	1227068	48.072	ng	97
9) Benzaldehyde	7.122	77	564484	32.179	ng	96
10) Phenol	7.175	94	1563782	48.267	ng	98
11) bis(2-Chloroethyl)ether	7.410	93	1062297	40.686	ng	96
12) 1,3-Dichlorobenzene	7.875	146	1149824	44.808	ng	98
13) 1,4-Dichlorobenzene	8.022	146	1174263	44.785	ng	99
14) 1,2-Dichlorobenzene	8.339	146	1151122	44.610	ng	99
15) Benzyl Alcohol	8.228	79	989314	45.506	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.522	45	1350700	40.579	ng	99
17) 2-Methylphenol	8.434	107	1039792	45.043	ng	98
18) Hexachloroethane	9.075	117	420570	44.797	ng	94
19) n-Nitroso-di-n-propyla...	8.804	70	825747	41.257	ng	96
20) 3+4-Methylphenols	8.763	107	1423819	45.180	ng	98
22) Acetophenone	8.816	105	1766494	40.619	ng	# 97
24) Nitrobenzene	9.198	77	1222365	38.599	ng	96
25) Isophorone	9.728	82	2373009	40.843	ng	97
26) 2-Nitrophenol	9.910	139	645244	49.034	ng	96
27) 2,4-Dimethylphenol	9.975	122	1177632	45.740	ng	97
28) bis(2-Chloroethoxy)met...	10.210	93	1523237	40.611	ng	99
29) 2,4-Dichlorophenol	10.445	162	1193485	50.540	ng	98
30) 1,2,4-Trichlorobenzene	10.663	180	1099932	45.983	ng	99
31) Naphthalene	10.851	128	3688358	41.120	ng	100
32) Benzoic acid	10.116	122	957942	48.349	ng	96
33) 4-Chloroaniline	10.963	127	1016941	25.456	ng	97
34) Hexachlorobutadiene	11.139	225	572405	45.620	ng	98
35) Caprolactam	11.751	113	401341	49.490	ng	90
36) 4-Chloro-3-methylphenol	12.080	107	1262148	46.026	ng	94
37) 2-Methylnaphthalene	12.457	142	2597233	41.873	ng	99
38) 1-Methylnaphthalene	12.674	142	2455054	41.972	ng	99
40) 1,2,4,5-Tetrachloroben...	12.827	216	1240113	43.941	ng	98
41) Hexachlorocyclopentadiene	12.804	237	1263940	85.886	ng	98
43) 2,4,6-Trichlorophenol	13.063	196	913392	47.185	ng	99

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44) 2,4,5-Trichlorophenol	13.133	196	1009996	43.224	ng	96
46) 1,1'-Biphenyl	13.463	154	3547580	41.560	ng	99
47) 2-Chloronaphthalene	13.504	162	2740237	43.213	ng	98
48) 2-Nitroaniline	13.710	65	791105	41.608	ng	90
49) Acenaphthylene	14.351	152	4446837	42.296	ng	100
50) Dimethylphthalate	14.086	163	3432820	41.344	ng	99
51) 2,6-Dinitrotoluene	14.204	165	741008	44.530	ng	88
52) Acenaphthene	14.692	154	2702594	41.676	ng	98
53) 3-Nitroaniline	14.533	138	692328	33.346	ng	93
54) 2,4-Dinitrophenol	14.733	184	712436	68.496	ng	# 87
55) Dibenzofuran	15.027	168	4228236	41.682	ng	97
56) 4-Nitrophenol	14.839	139	1617708	96.203	ng	90
57) 2,4-Dinitrotoluene	14.986	165	1040893	46.870	ng	88
58) Fluorene	15.674	166	3557342	41.895	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	880066	48.169	ng	92
60) Diethylphthalate	15.445	149	3555920	42.209	ng	99
61) 4-Chlorophenyl-phenyle...	15.668	204	1731208	43.619	ng	95
62) 4-Nitroaniline	15.698	138	906883	41.005	ng	93
63) Azobenzene	15.957	77	3462735	42.276	ng	95
65) 4,6-Dinitro-2-methylph...	15.751	198	470237	37.877	ng	87
66) n-Nitrosodiphenylamine	15.880	169	2996643	41.336	ng	99
67) 4-Bromophenyl-phenylether	16.557	248	977064	43.953	ng	97
68) Hexachlorobenzene	16.674	284	1215946	47.694	ng	93
69) Atrazine	16.833	200	1022761	51.622	ng	97
70) Pentachlorophenol	17.015	266	1647672	88.041	ng	98
71) Phenanthrene	17.409	178	5397788	41.855	ng	99
72) Anthracene	17.504	178	5486210	42.642	ng	99
73) Carbazole	17.774	167	5288893	43.098	ng	99
74) Di-n-butylphthalate	18.333	149	6356331	46.184	ng	99
75) Fluoranthene	19.421	202	6105103	44.610	ng	99
77) Benzidine	19.609	184	2292916	54.722	ng	99
78) Pyrene	19.786	202	6602947	44.382	ng	100
80) Butylbenzylphthalate	20.680	149	2956709	49.169	ng	88
81) Benzo(a)anthracene	21.533	228	6743340	44.322	ng	100
82) 3,3'-Dichlorobenzidine	21.462	252	2518746	49.812	ng	99
83) Chrysene	21.586	228	6107605	42.376	ng	99
84) Bis(2-ethylhexyl)phtha...	21.450	149	4496874	50.639	ng	97
85) Di-n-octyl phthalate	22.386	149	7693720	53.352	ng	97
87) Indeno(1,2,3-cd)pyrene	26.526	276	5997833	38.793	ng	98
88) Benzo(b)fluoranthene	23.238	252	6226416	49.858	ng	98
89) Benzo(k)fluoranthene	23.291	252	6291330	48.201	ng	99
90) Benzo(a)pyrene	23.874	252	5044266	42.295	ng	99
91) Dibenzo(a,h)anthracene	26.538	278	5111389	38.296	ng	99
92) Benzo(g,h,i)perylene	27.309	276	4271247	37.255	ng	98

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

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