

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
 Data File : BM039053.D
 Acq On : 20 Mar 2023 20:32
 Operator : CG/JU
 Sample : 01944-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MC-1MS

Quant Time: Mar 21 01:49:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 05:25:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	319428	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	1269822	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	678905	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	1308603	20.000	ng	0.00
76) Chrysene-d12	21.539	240	1180683	20.000	ng	0.00
86) Perylene-d12	23.968	264	1385169	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2307063	109.730	ng	0.00
7) Phenol-d6	7.134	99	2848446	104.304	ng	0.00
23) Nitrobenzene-d5	9.140	82	1750916	67.731	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	786116	100.093	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	3315847	63.581	ng	0.00
79) Terphenyl-d14	19.974	244	4042905	62.606	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	391740	41.882	ng	98
3) Pyridine	3.799	79	946531	36.488	ng	97
4) n-Nitrosodimethylamine	3.710	42	479277	45.403	ng	98
6) Aniline	7.298	93	1132240	31.576	ng	99
8) 2-Chlorophenol	7.534	128	1062176	47.453	ng	99
9) Benzaldehyde	7.104	77	847441	65.211	ng	99
10) Phenol	7.157	94	1382044	47.656	ng	99
11) bis(2-Chloroethyl)ether	7.393	93	1086018	46.060	ng	100
12) 1,3-Dichlorobenzene	7.857	146	1151600	48.412	ng	100
13) 1,4-Dichlorobenzene	8.010	146	1167676	48.266	ng	99
14) 1,2-Dichlorobenzene	8.328	146	1116493	47.910	ng	100
15) Benzyl Alcohol	8.216	79	919080	46.954	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.510	45	1434307	48.167	ng	100
17) 2-Methylphenol	8.416	107	872174	43.780	ng	99
18) Hexachloroethane	9.057	117	446814	50.057	ng	99
19) n-Nitroso-di-n-propyla...	8.787	70	806119	46.864	ng	99
20) 3+4-Methylphenols	8.745	107	1144698	43.033	ng	100
22) Acetophenone	8.798	105	1600140	44.914	ng	100
24) Nitrobenzene	9.181	77	1184301	43.587	ng	99
25) Isophorone	9.710	82	2127247	44.717	ng	99
26) 2-Nitrophenol	9.898	139	535007	44.806	ng	98
27) 2,4-Dimethylphenol	9.957	122	932053	44.966	ng	99
28) bis(2-Chloroethoxy)met...	10.192	93	1350252	44.175	ng	100
29) 2,4-Dichlorophenol	10.428	162	879002	44.729	ng	99
30) 1,2,4-Trichlorobenzene	10.645	180	955439	44.491	ng	99
31) Naphthalene	10.834	128	3134534	43.290	ng	99
32) Benzoic acid	10.086	122	680254	45.120	ng	99
33) 4-Chloroaniline	10.945	127	361246	11.707	ng	99
34) Hexachlorobutadiene	11.122	225	536936	43.601	ng	99
35) Caprolactam	11.739	113	276953	46.305	ng	98
36) 4-Chloro-3-methylphenol	12.069	107	933032	44.587	ng	99
37) 2-Methylnaphthalene	12.445	142	2034012	41.911	ng	98
38) 1-Methylnaphthalene	12.663	142	1896060	41.690	ng	100
40) 1,2,4,5-Tetrachloroben...	12.810	216	989352	44.826	ng	99
41) Hexachlorocyclopentadiene	12.792	237	1218028	100.540	ng	99
43) 2,4,6-Trichlorophenol	13.045	196	647669	45.317	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	684399	40.911	ng	100
46) 1,1'-Biphenyl	13.451	154	2576586	44.798	ng	100
47) 2-Chloronaphthalene	13.492	162	1938950	44.707	ng	99
48) 2-Nitroaniline	13.692	65	602625	43.610	ng	97
49) Acenaphthylene	14.333	152	3038783	43.988	ng	100
50) Dimethylphthalate	14.074	163	2256487	43.194	ng	100
51) 2,6-Dinitrotoluene	14.186	165	487588	42.379	ng	95
52) Acenaphthene	14.674	154	1880509	44.293	ng	98
53) 3-Nitroaniline	14.516	138	340595	25.972	ng	99
54) 2,4-Dinitrophenol	14.722	184	610339	91.138	ng	96
55) Dibenzofuran	15.010	168	2829387	42.587	ng	100
56) 4-Nitrophenol	14.821	139	989660	95.386	ng	98
57) 2,4-Dinitrotoluene	14.974	165	657693	43.461	ng	98
58) Fluorene	15.657	166	2296072	44.120	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.233	232	571778	44.318	ng	98
60) Diethylphthalate	15.433	149	2275125	44.758	ng	100
61) 4-Chlorophenyl-phenyle...	15.651	204	1083043	42.361	ng	97
62) 4-Nitroaniline	15.680	138	545636	39.994	ng	100
63) Azobenzene	15.945	77	2697817	50.159	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	368571	43.403	ng	100
66) n-Nitrosodiphenylamine	15.868	169	1902993	43.136	ng	100
67) 4-Bromophenyl-phenylether	16.545	248	620857	43.925	ng	95
68) Hexachlorobenzene	16.663	284	693907	43.916	ng	99
69) Atrazine	16.821	200	612956	50.868	ng	99
70) Pentachlorophenol	17.004	266	939155	80.812	ng	99
71) Phenanthrene	17.398	178	3449727	44.917	ng	100
72) Anthracene	17.492	178	3375557	44.072	ng	100
73) Carbazole	17.762	167	3169797	45.346	ng	99
74) Di-n-butylphthalate	18.327	149	3978689	46.716	ng	99
75) Fluoranthene	19.409	202	3856611	47.559	ng	98
77) Benzidine	19.598	184	1427083	52.516	ng	98
78) Pyrene	19.774	202	4007204	45.188	ng	100
80) Butylbenzylphthalate	20.668	149	1760804	46.787	ng	96
81) Benzo(a)anthracene	21.521	228	3834420	45.097	ng	99
82) 3,3'-Dichlorobenzidine	21.456	252	1131427	43.297	ng	100
83) Chrysene	21.574	228	3612248	43.681	ng	100
84) Bis(2-ethylhexyl)phtha...	21.445	149	2655212	48.666	ng	100
85) Di-n-octyl phthalate	22.386	149	4693121	51.566	ng	100
87) Indeno(1,2,3-cd)pyrene	26.515	276	4958607	47.045	ng	99
88) Benzo(b)fluoranthene	23.227	252	4036072	45.609	ng	99
89) Benzo(k)fluoranthene	23.280	252	4075019	44.248	ng	99
90) Benzo(a)pyrene	23.862	252	3647383	42.826	ng	99
91) Dibenzo(a,h)anthracene	26.527	278	4158950	46.593	ng	98
92) Benzo(g,h,i)perylene	27.291	276	4042744	46.293	ng	98

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

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