

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040323\
 Data File : BM039280.D
 Acq On : 03 Apr 2023 15:43
 Operator : CG/JU
 Sample : 02161-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-5MS

Quant Time: Apr 03 17:05:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 17:03:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	235856	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	938061	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	541738	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1103731	20.000	ng	0.00
76) Chrysene-d12	21.498	240	868935	20.000	ng	0.00
86) Perylene-d12	23.909	264	1080915	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1954067	124.822	ng	0.00
7) Phenol-d6	7.087	99	2473077	122.137	ng	0.00
23) Nitrobenzene-d5	9.087	82	1474537	76.398	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	822274	119.572	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	2919442	73.017	ng	0.00
79) Terphenyl-d14	19.933	244	3798528	80.765	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	275271	43.019	ng	99
3) Pyridine	3.752	79	751902	41.945	ng	99
4) n-Nitrosodimethylamine	3.663	42	342951	48.713	ng	100
6) Aniline	7.240	93	905951	36.150	ng	99
8) 2-Chlorophenol	7.481	128	791651	49.407	ng	99
9) Benzaldehyde	7.051	77	467938	40.580	ng	99
10) Phenol	7.116	94	1023214	50.425	ng	99
11) bis(2-Chloroethyl)ether	7.340	93	770301	47.188	ng	100
12) 1,3-Dichlorobenzene	7.804	146	814629	47.940	ng	100
13) 1,4-Dichlorobenzene	7.951	146	830420	48.331	ng	99
14) 1,2-Dichlorobenzene	8.269	146	794805	48.377	ng	99
15) Benzyl Alcohol	8.163	79	695336	49.928	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.451	45	990380	47.432	ng	99
17) 2-Methylphenol	8.369	107	656540	46.246	ng	100
18) Hexachloroethane	8.998	117	315607	47.486	ng	98
19) n-Nitroso-di-n-propyla...	8.728	70	589522	45.545	ng	99
20) 3+4-Methylphenols	8.698	107	887944	46.545	ng	98
22) Acetophenone	8.745	105	1170918	46.685	ng	# 100
24) Nitrobenzene	9.128	77	871702	45.407	ng	100
25) Isophorone	9.657	82	1605632	44.593	ng	100
26) 2-Nitrophenol	9.839	139	423853	47.762	ng	99
27) 2,4-Dimethylphenol	9.904	122	724189	49.115	ng	99
28) bis(2-Chloroethoxy)met...	10.139	93	986072	45.240	ng	99
29) 2,4-Dichlorophenol	10.375	162	691368	48.057	ng	99
30) 1,2,4-Trichlorobenzene	10.586	180	711086	46.202	ng	99
31) Naphthalene	10.775	128	2265545	44.821	ng	100
32) Benzoic acid	10.063	122	557742	48.532	ng	99
33) 4-Chloroaniline	10.892	127	298536	13.481	ng	99
34) Hexachlorobutadiene	11.057	225	401159	44.327	ng	99
35) Caprolactam	11.698	113	232248	46.495	ng	96
36) 4-Chloro-3-methylphenol	12.022	107	744846	46.927	ng	98
37) 2-Methylnaphthalene	12.386	142	1517872	43.137	ng	99
38) 1-Methylnaphthalene	12.604	142	1412199	42.861	ng	100
40) 1,2,4,5-Tetrachloroben...	12.757	216	767824	46.552	ng	99
41) Hexachlorocyclopentadiene	12.728	237	906108	100.557	ng	98
43) 2,4,6-Trichlorophenol	12.998	196	537308	47.767	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	578132	43.841	ng	98
46) 1,1'-Biphenyl	13.398	154	1988264	46.477	ng	99
47) 2-Chloronaphthalene	13.439	162	1521792	46.981	ng	100
48) 2-Nitroaniline	13.651	65	500457	45.912	ng	98
49) Acenaphthylene	14.286	152	2405704	45.189	ng	99
50) Dimethylphthalate	14.027	163	1840310	44.079	ng	100
51) 2,6-Dinitrotoluene	14.145	165	405308	45.144	ng	94
52) Acenaphthene	14.627	154	1430034	45.491	ng	99
53) 3-Nitroaniline	14.474	138	263695	25.406	ng	97
54) 2,4-Dinitrophenol	14.686	184	509779	95.878	ng	99
55) Dibenzofuran	14.963	168	2269740	44.848	ng	99
56) 4-Nitrophenol	14.792	139	783893	97.942	ng	96
57) 2,4-Dinitrotoluene	14.933	165	561729	46.251	ng	93
58) Fluorene	15.610	166	1807450	45.101	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	491023	46.806	ng	100
60) Diethylphthalate	15.386	149	1871191	44.528	ng	100
61) 4-Chlorophenyl-phenyle...	15.604	204	886845	44.652	ng	98
62) 4-Nitroaniline	15.639	138	447879	42.050	ng	98
63) Azobenzene	15.898	77	2050901	48.713	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	321412	44.264	ng	98
66) n-Nitrosodiphenylamine	15.821	169	1593358	45.812	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	542607	46.033	ng	97
68) Hexachlorobenzene	16.616	284	614416	48.074	ng	99
69) Atrazine	16.774	200	523979	47.566	ng	99
70) Pentachlorophenol	16.963	266	789981	86.152	ng	100
71) Phenanthrene	17.357	178	2740976	45.343	ng	99
72) Anthracene	17.445	178	2805643	45.517	ng	99
73) Carbazole	17.721	167	2598343	45.113	ng	99
74) Di-n-butylphthalate	18.280	149	3250816	45.627	ng	99
75) Fluoranthene	19.368	202	2879354	41.786	ng	99
77) Benzidine	19.562	184	1231267	53.722	ng	100
78) Pyrene	19.733	202	2987840	48.301	ng	99
80) Butylbenzylphthalate	20.627	149	1358796	47.947	ng	97
81) Benzo(a)anthracene	21.480	228	2818863	45.998	ng	100
82) 3,3'-Dichlorobenzidine	21.415	252	901169	44.143	ng	99
83) Chrysene	21.533	228	2628331	44.427	ng	99
84) Bis(2-ethylhexyl)phtha...	21.403	149	1972325	47.123	ng	100
85) Di-n-octyl phthalate	22.333	149	3368848	44.675	ng	96
87) Indeno(1,2,3-cd)pyrene	26.421	276	4045825	50.800	ng	100
88) Benzo(b)fluoranthene	23.174	252	3008554	45.488	ng	99
89) Benzo(k)fluoranthene	23.221	252	2980145	44.236	ng	99
90) Benzo(a)pyrene	23.803	252	2779286	42.776	ng	100
91) Dibenzo(a,h)anthracene	26.438	278	3355039	50.170	ng	99
92) Benzo(g,h,i)perylene	27.197	276	3356775	51.041	ng	99

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

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