

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
 Data File : BM039054.D
 Acq On : 20 Mar 2023 21:10
 Operator : CG/JU
 Sample : 01944-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MC-1MSD

Quant Time: Mar 21 01:50:33 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	338058	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	1336080	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	703629	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	1302502	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1080157	20.000	ng	0.00
86) Perylene-d12	23.968	264	1333682	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2407687	108.206	ng	0.00
7) Phenol-d6	7.134	99	2997701	103.720	ng	0.00
23) Nitrobenzene-d5	9.140	82	1830380	67.294	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	807053	99.148	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	3466102	64.127	ng	0.00
79) Terphenyl-d14	19.974	244	3828752	64.808	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	398500	40.257	ng	99
3) Pyridine	3.799	79	1003273	36.544	ng	98
4) n-Nitrosodimethylamine	3.711	42	493475	44.172	ng	97
6) Aniline	7.293	93	1253083	33.021	ng	99
8) 2-Chlorophenol	7.534	128	1121137	47.327	ng	99
9) Benzaldehyde	7.105	77	885495	64.384	ng	99
10) Phenol	7.163	94	1450464	47.259	ng	98
11) bis(2-Chloroethyl)ether	7.393	93	1141794	45.757	ng	100
12) 1,3-Dichlorobenzene	7.863	146	1196854	47.542	ng	99
13) 1,4-Dichlorobenzene	8.010	146	1222172	47.734	ng	99
14) 1,2-Dichlorobenzene	8.328	146	1162108	47.120	ng	99
15) Benzyl Alcohol	8.216	79	964930	46.580	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.504	45	1495079	47.440	ng	99
17) 2-Methylphenol	8.416	107	916126	43.452	ng	99
18) Hexachloroethane	9.057	117	470026	49.756	ng	98
19) n-Nitroso-di-n-propyla...	8.787	70	841498	46.225	ng	99
20) 3+4-Methylphenols	8.746	107	1207755	42.902	ng	98
22) Acetophenone	8.799	105	1675512	44.698	ng	100
24) Nitrobenzene	9.181	77	1239429	43.354	ng	99
25) Isophorone	9.710	82	2240134	44.755	ng	99
26) 2-Nitrophenol	9.893	139	569966	45.329	ng	98
27) 2,4-Dimethylphenol	9.957	122	973931	44.656	ng	100
28) bis(2-Chloroethoxy)met...	10.198	93	1421475	44.199	ng	99
29) 2,4-Dichlorophenol	10.428	162	935277	45.233	ng	99
30) 1,2,4-Trichlorobenzene	10.646	180	1011945	44.786	ng	99
31) Naphthalene	10.834	128	3285867	43.130	ng	99
32) Benzoic acid	10.087	122	722368	45.484	ng	99
33) 4-Chloroaniline	10.945	127	407616	12.554	ng	100
34) Hexachlorobutadiene	11.122	225	574085	44.305	ng	99
35) Caprolactam	11.740	113	280781	44.617	ng	99
36) 4-Chloro-3-methylphenol	12.069	107	964596	43.810	ng	99
37) 2-Methylnaphthalene	12.440	142	2129149	41.696	ng	100
38) 1-Methylnaphthalene	12.663	142	1982540	41.430	ng	99
40) 1,2,4,5-Tetrachloroben...	12.810	216	1038857	45.415	ng	99
41) Hexachlorocyclopentadiene	12.787	237	1265836	100.815	ng	99
43) 2,4,6-Trichlorophenol	13.045	196	682308	46.063	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	717856	41.403	ng	99
46) 1,1'-Biphenyl	13.451	154	2712870	45.511	ng	99
47) 2-Chloronaphthalene	13.492	162	2026855	45.091	ng	99
48) 2-Nitroaniline	13.692	65	616561	43.080	ng	98
49) Acenaphthylene	14.334	152	3150249	43.999	ng	99
50) Dimethylphthalate	14.075	163	2328840	43.012	ng	100
51) 2,6-Dinitrotoluene	14.186	165	503719	42.248	ng	96
52) Acenaphthene	14.675	154	1948350	44.279	ng	99
53) 3-Nitroaniline	14.516	138	347519	25.594	ng	98
54) 2,4-Dinitrophenol	14.722	184	614330	88.660	ng	96
55) Dibenzofuran	15.010	168	2934597	42.619	ng	99
56) 4-Nitrophenol	14.822	139	969319	90.143	ng	98
57) 2,4-Dinitrotoluene	14.975	165	665513	42.482	ng	99
58) Fluorene	15.657	166	2357421	43.707	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.233	232	588758	44.031	ng	100
60) Diethylphthalate	15.433	149	2342799	44.470	ng	99
61) 4-Chlorophenyl-phenylether	15.651	204	1126857	42.526	ng	98
62) 4-Nitroaniline	15.680	138	538285	38.153	ng	99
63) Azobenzene	15.945	77	2721224	48.817	ng	98
65) 4,6-Dinitro-2-methylph...	15.733	198	367492	43.470	ng	97
66) n-Nitrosodiphenylamine	15.869	169	1935065	44.069	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	638840	45.409	ng	96
68) Hexachlorobenzene	16.663	284	709678	45.125	ng	99
69) Atrazine	16.816	200	616927	51.437	ng	99
70) Pentachlorophenol	17.004	266	926294	80.079	ng	100
71) Phenanthrene	17.398	178	3429738	44.866	ng	100
72) Anthracene	17.486	178	3346622	43.899	ng	100
73) Carbazole	17.757	167	3066358	44.072	ng	100
74) Di-n-butylphthalate	18.321	149	3909194	46.138	ng	100
75) Fluoranthene	19.410	202	3641758	45.120	ng	99
77) Benzidine	19.598	184	1443522	57.549	ng	98
78) Pyrene	19.774	202	3767671	46.441	ng	100
80) Butylbenzylphthalate	20.668	149	1609186	46.742	ng	97
81) Benzo(a)anthracene	21.521	228	3534679	45.440	ng	99
82) 3,3'-Dichlorobenzidine	21.451	252	1080469	45.195	ng	100
83) Chrysene	21.574	228	3320382	43.888	ng	100
84) Bis(2-ethylhexyl)phtha...	21.445	149	2421477	48.521	ng	100
85) Di-n-octyl phthalate	22.386	149	4205338	50.585	ng	100
87) Indeno(1,2,3-cd)pyrene	26.509	276	4908549	48.368	ng	99
88) Benzo(b)fluoranthene	23.227	252	3888346	45.635	ng	99
89) Benzo(k)fluoranthene	23.280	252	3889543	43.864	ng	99
90) Benzo(a)pyrene	23.862	252	3543485	43.212	ng	99
91) Dibenzo(a,h)anthracene	26.527	278	4124042	47.985	ng	98
92) Benzo(g,h,i)perylene	27.291	276	4012144	47.716	ng	99

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

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