

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
 Data File : BP009656.D
 Acq On : 01 Apr 2022 14:00
 Operator : CG/JU
 Sample : N2202-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MHFMSD

Quant Time: Apr 01 22:43:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	240360	20.000	ng	-0.01
21) Naphthalene-d8	10.522	136	903640	20.000	ng	-0.01
39) Acenaphthene-d10	14.381	164	532061	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1049768	20.000	ng	-0.01
76) Chrysene-d12	21.269	240	994802	20.000	ng	0.00
86) Perylene-d12	23.645	264	1133274	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1940037	140.921	ng	0.00
7) Phenol-d6	6.928	99	2409724	129.432	ng	0.00
23) Nitrobenzene-d5	8.887	82	1509427	88.765	ng	-0.01
42) 2,4,6-Tribromophenol	15.887	330	950797	108.292	ng	0.00
45) 2-Fluorobiphenyl	12.999	172	3338667	86.989	ng	-0.01
79) Terphenyl-d14	19.728	244	4633045	83.593	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	244548	44.848	ng	97
3) Pyridine	3.652	79	705950	48.070	ng	99
4) n-Nitrosodimethylamine	3.564	42	291384	53.874	ng	98
6) Aniline	7.064	93	783974	36.947	ng	97
8) 2-Chlorophenol	7.305	128	784164	49.952	ng	98
9) Benzaldehyde	6.875	77	369297	41.785	ng	98
10) Phenol	6.952	94	986041	52.791	ng	98
11) bis(2-Chloroethyl)ether	7.158	93	742941	50.260	ng	98
12) 1,3-Dichlorobenzene	7.616	146	860128	48.546	ng	99
13) 1,4-Dichlorobenzene	7.763	146	875616	48.335	ng	100
14) 1,2-Dichlorobenzene	8.081	146	835725	47.730	ng	99
15) Benzyl Alcohol	7.981	79	663872	44.724	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.263	45	844198	52.684	ng	98
17) 2-Methylphenol	8.193	107	630761	49.005	ng	99
18) Hexachloroethane	8.799	117	314853	49.593	ng	95
19) n-Nitroso-di-n-propyla...	8.546	70	551954	46.872	ng	98
20) 3+4-Methylphenols	8.528	107	836991	47.292	ng	97
22) Acetophenone	8.558	105	1092532	48.848	ng	# 98
24) Nitrobenzene	8.934	77	829306	51.626	ng	97
25) Isophorone	9.463	82	1531791	52.810	ng	98
26) 2-Nitrophenol	9.646	139	414794	49.539	ng	95
27) 2,4-Dimethylphenol	9.716	122	679012	57.470	ng	99
28) bis(2-Chloroethoxy)met...	9.940	93	936232	49.573	ng	99
29) 2,4-Dichlorophenol	10.193	162	702919	48.774	ng	100
30) 1,2,4-Trichlorobenzene	10.393	180	785866	47.066	ng	99
31) Naphthalene	10.575	128	2254218	48.429	ng	100
32) Benzoic acid	9.922	122	449620	48.674	ng	97
33) 4-Chloroaniline	10.699	127	407094	21.433	ng	97
34) Hexachlorobutadiene	10.857	225	501139	44.296	ng	100
35) Caprolactam	11.499	113	211540	43.493	ng	99
36) 4-Chloro-3-methylphenol	11.852	107	703303	45.415	ng	98
37) 2-Methylnaphthalene	12.193	142	1536727	47.054	ng	99
38) 1-Methylnaphthalene	12.410	142	1481572	46.568	ng	100
40) 1,2,4,5-Tetrachloroben...	12.569	216	861323	48.791	ng	99
41) Hexachlorocyclopentadiene	12.546	237	467717	62.609	ng	99
43) 2,4,6-Trichlorophenol	12.822	196	560103	47.868	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	602225	47.395	ng	99
46) 1,1'-Biphenyl	13.210	154	1984443	49.996	ng	99
47) 2-Chloronaphthalene	13.251	162	1541489	49.328	ng	99
48) 2-Nitroaniline	13.469	65	432413	50.805	ng	98
49) Acenaphthylene	14.104	152	2519296	52.223	ng	100
50) Dimethylphthalate	13.846	163	1873803	46.478	ng	100
51) 2,6-Dinitrotoluene	13.969	165	413630	48.968	ng	99
52) Acenaphthene	14.445	154	1407149	48.830	ng	99
53) 3-Nitroaniline	14.304	138	339448	38.046	ng	95
54) 2,4-Dinitrophenol	14.528	184	448671	85.169	ng	99
55) Dibenzofuran	14.787	168	2258981	46.661	ng	99
56) 4-Nitrophenol	14.663	139	555549	83.534	ng	99
57) 2,4-Dinitrotoluene	14.769	165	557928	48.036	ng	96
58) Fluorene	15.440	166	1801355	47.310	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.028	232	493106	42.807	ng	95
60) Diethylphthalate	15.216	149	1847409	45.785	ng	99
61) 4-Chlorophenyl-phenyle...	15.434	204	942872	44.954	ng	96
62) 4-Nitroaniline	15.469	138	421074	44.939	ng	96
63) Azobenzene	15.728	77	1739643	49.562	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	305376	45.239	ng	95
66) n-Nitrosodiphenylamine	15.651	169	1573649	50.656	ng	99
67) 4-Bromophenyl-phenylether	16.334	248	596629	46.446	ng	96
68) Hexachlorobenzene	16.457	284	675097	45.664	ng	98
69) Atrazine	16.616	200	575443	52.685	ng	98
70) Pentachlorophenol	16.810	266	718324	90.894	ng	99
71) Phenanthrene	17.192	178	2769855	49.291	ng	100
72) Anthracene	17.287	178	2789523	50.278	ng	99
73) Carbazole	17.563	167	2562379	47.224	ng	100
74) Di-n-butylphthalate	18.122	149	3162577	49.739	ng	100
75) Fluoranthene	19.175	202	3217609	47.296	ng	99
77) Benzidine	19.369	184	1131478	46.403	ng	99
78) Pyrene	19.528	202	3317038	50.601	ng	99
80) Butylbenzylphthalate	20.416	149	1359107	48.779	ng	95
81) Benzo(a)anthracene	21.251	228	3219418	49.258	ng	100
82) 3,3'-Dichlorobenzidine	21.204	252	1106490	43.824	ng	99
83) Chrysene	21.304	228	2975597	48.080	ng	99
84) Bis(2-ethylhexyl)phtha...	21.192	149	1994086	51.345	ng	99
85) Di-n-octyl phthalate	22.098	149	3456483	51.635	ng	98
87) Indeno(1,2,3-cd)pyrene	26.133	276	4248170	49.410	ng	97
88) Benzo(b)fluoranthene	22.927	252	3587703	53.031	ng	99
89) Benzo(k)fluoranthene	22.974	252	3234519	48.831	ng	99
90) Benzo(a)pyrene	23.545	252	3396759	58.683	ng	99
91) Dibenzo(a,h)anthracene	26.145	278	3721427	51.934	ng	98
92) Benzo(g,h,i)perylene	26.886	276	3731112	52.929	ng	94

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

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