

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041525\
 Data File : BP024300.D
 Acq On : 15 Apr 2025 18:51
 Operator : RC/JU
 Sample : Q1787-12MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1MSD

Quant Time: Apr 16 01:41:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	303506	20.000	ng	0.00
21) Naphthalene-d8	10.498	136	1163224	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	647769	20.000	ng	0.00
64) Phenanthrene-d10	17.169	188	1200888	20.000	ng	-0.01
76) Chrysene-d12	21.627	240	1136139	20.000	ng	0.00
86) Perylene-d12	24.992	264	1226751	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2386282	130.001	ng	0.00
7) Phenol-d6	6.916	99	2730296	108.628	ng	0.00
23) Nitrobenzene-d5	8.875	82	1975990	96.863	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1188721	132.637	ng	-0.01
45) 2-Fluorobiphenyl	12.969	172	3842151	90.816	ng	-0.01
79) Terphenyl-d14	19.898	244	5442243	96.551	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	304892	39.269	ng	# 80
3) Pyridine	3.705	79	736069	35.903	ng	99
4) n-Nitrosodimethylamine	3.605	42	292551	42.996	ng	100
6) Aniline	7.069	93	908152	40.435	ng	100
8) 2-Chlorophenol	7.304	128	894894	43.666	ng	99
9) Benzaldehyde	6.881	77	391657	31.501	ng	100
10) Phenol	6.940	94	970517	38.492	ng	97
11) bis(2-Chloroethyl)ether	7.157	93	857841	42.228	ng	98
12) 1,3-Dichlorobenzene	7.622	146	912375	41.352	ng	99
13) 1,4-Dichlorobenzene	7.763	146	925763	41.355	ng	99
14) 1,2-Dichlorobenzene	8.075	146	896944	41.494	ng	98
15) Benzyl Alcohol	7.969	79	751987	46.263	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.246	45	956391	43.555	ng	100
17) 2-Methylphenol	8.175	107	734979	45.061	ng	98
18) Hexachloroethane	8.798	117	341865	42.257	ng	100
19) n-Nitroso-di-n-propyla...	8.528	70	640893	41.216	ng	100
20) 3+4-Methylphenols	8.498	107	980119	43.307	ng	100
22) Acetophenone	8.540	105	1289803	44.800	ng	# 98
24) Nitrobenzene	8.916	77	949853	47.067	ng	97
25) Isophorone	9.440	82	1795143	48.616	ng	100
26) 2-Nitrophenol	9.622	139	453957	45.966	ng	98
27) 2,4-Dimethylphenol	9.687	122	823809	66.434	ng	99
28) bis(2-Chloroethoxy)met...	9.916	93	1116307	44.752	ng	99
29) 2,4-Dichlorophenol	10.157	162	771809	45.648	ng	99
30) 1,2,4-Trichlorobenzene	10.363	180	801759	44.258	ng	100
31) Naphthalene	10.551	128	2601881	42.463	ng	99
32) Benzoic acid	9.834	122	526787	36.458	ng	98
33) 4-Chloroaniline	10.663	127	593327	27.496	ng	99
34) Hexachlorobutadiene	10.840	225	471584	44.300	ng	98
35) Caprolactam	11.457	113	211695	33.932	ng	97
36) 4-Chloro-3-methylphenol	11.798	107	871360	44.245	ng	100
37) 2-Methylnaphthalene	12.163	142	1634071	38.453	ng	98
38) 1-Methylnaphthalene	12.387	142	1711576	41.172	ng	100
40) 1,2,4,5-Tetrachloroben...	12.539	216	859524	48.251	ng	# 98
41) Hexachlorocyclopentadiene	12.522	237	1245560	197.700	ng	98
43) 2,4,6-Trichlorophenol	12.787	196	586963	49.560	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	643899	49.096	ng	98
46) 1,1'-Biphenyl	13.186	154	2249475	47.244	ng	100
47) 2-Chloronaphthalene	13.228	162	1691122	47.522	ng	99
48) 2-Nitroaniline	13.439	65	528928	52.987	ng	96
49) Acenaphthylene	14.081	152	2847287	50.819	ng	100
50) Dimethylphthalate	13.822	163	2220240	47.132	ng	100
51) 2,6-Dinitrotoluene	13.934	165	472222	47.208	ng	94
52) Acenaphthene	14.428	154	1627836	45.829	ng	100
53) 3-Nitroaniline	14.269	138	303212	28.841	ng	96
54) 2,4-Dinitrophenol	14.481	184	520529	88.341	ng	97
55) Dibenzofuran	14.769	168	2527102	43.526	ng	98
56) 4-Nitrophenol	14.598	139	818643	90.160	ng	97
57) 2,4-Dinitrotoluene	14.739	165	658608	48.266	ng	99
58) Fluorene	15.428	166	2029781	45.160	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	553842	45.786	ng	97
60) Diethylphthalate	15.198	149	2198915	45.297	ng	100
61) 4-Chlorophenyl-phenyle...	15.428	204	987059	45.224	ng	98
62) 4-Nitroaniline	15.451	138	479616	43.094	ng	95
63) Azobenzene	15.728	77	2076507	46.539	ng	99
65) 4,6-Dinitro-2-methylph...	15.516	198	355779	46.991	ng	97
66) n-Nitrosodiphenylamine	15.651	169	1794310	50.059	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	644935	49.105	ng	99
68) Hexachlorobenzene	16.457	284	756190	48.453	ng	95
69) Atrazine	16.627	200	611332	66.965	ng	98
70) Pentachlorophenol	16.816	266	1041952	95.700	ng	99
71) Phenanthrene	17.216	178	3139463	47.922	ng	99
72) Anthracene	17.304	178	3196110	50.620	ng	100
73) Carbazole	17.592	167	2966198	48.080	ng	99
74) Di-n-butylphthalate	18.180	149	3783802	49.229	ng	99
75) Fluoranthene	19.304	202	3529945	45.305	ng	100
77) Benzidine	19.504	184	1162436	80.716	ng	100
78) Pyrene	19.686	202	3639010	50.400	ng	99
80) Butylbenzylphthalate	20.633	149	1656678	53.569	ng	97
81) Benzo(a)anthracene	21.604	228	3555104	50.343	ng	100
82) 3,3'-Dichlorobenzidine	21.521	252	956503	38.590	ng	99
83) Chrysene	21.674	228	3279802	48.478	ng	99
84) Bis(2-ethylhexyl)phtha...	21.545	149	2386656	52.643	ng	98
85) Di-n-octyl phthalate	22.833	149	3812099	51.721	ng	99
87) Indeno(1,2,3-cd)pyrene	28.821	276	4466584	52.445	ng	95
88) Benzo(b)fluoranthene	23.927	252	3657986	49.746	ng	100
89) Benzo(k)fluoranthene	24.009	252	3595065	50.615	ng	99
90) Benzo(a)pyrene	24.839	252	3407311	53.719	ng	100
91) Dibenzo(a,h)anthracene	28.897	278	3645744	51.573	ng	98
92) Benzo(g,h,i)perylene	30.003	276	3579607	49.749	ng	99

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

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