

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
 Data File : BP024496.D
 Acq On : 01 May 2025 17:34
 Operator : RC/JU
 Sample : Q1905-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-H

Quant Time: May 01 18:01:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	181176	20.000	ng	-0.01
21) Naphthalene-d8	10.487	136	691511	20.000	ng	#-0.01
39) Acenaphthene-d10	14.340	164	413811	20.000	ng	-0.01
64) Phenanthrene-d10	17.151	188	748357	20.000	ng	# 0.00
76) Chrysene-d12	21.610	240	725779	20.000	ng	# 0.02
86) Perylene-d12	24.969	264	948217	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1149771	104.931	ng	-0.01
7) Phenol-d6	6.899	99	1376840	91.766	ng	-0.01
23) Nitrobenzene-d5	8.858	82	901245	74.316	ng	-0.01
42) 2,4,6-Tribromophenol	15.869	330	730442	127.582	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2068670	76.541	ng	0.00
79) Terphenyl-d14	19.886	244	2908592	80.778	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.276	88	101	0.022	ng	# 27
3) Pyridine	3.646	79	179	0.015	ng	# 1
4) n-Nitrosodimethylamine	3.558	42	555	0.137	ng	# 1
6) Aniline	7.046	93	57	0.004	ng	# 82
8) 2-Chlorophenol	7.352	128	39	0.003	ng	# 77
9) Benzaldehyde	6.899	77	3390	0.457	ng	# 7
10) Phenol	6.928	94	941	0.063	ng	# 1
11) bis(2-Chloroethyl)ether	7.128	93	58	0.005	ng	# 31
12) 1,3-Dichlorobenzene	7.605	146	31	0.002	ng	# 1
13) 1,4-Dichlorobenzene	7.746	146	37	0.003	ng	# 15
14) 1,2-Dichlorobenzene	8.069	146	19	0.001	ng	# 33
15) Benzyl Alcohol	7.952	79	179	0.018	ng	# 31
16) 2,2'-oxybis(1-Chloropr...	8.240	45	128	0.010	ng	# 71
17) 2-Methylphenol	8.169	107	191	0.020	ng	# 1
18) Hexachloroethane	8.793	117	29	0.006	ng	# 60
19) n-Nitroso-di-n-propyla...	8.563	70	97	0.010	ng	# 1
20) 3+4-Methylphenols	8.475	107	107	0.008	ng	# 1
22) Acetophenone	8.522	105	1853	0.108	ng	# 69
24) Nitrobenzene	8.863	77	3299	0.275	ng	# 34
25) Isophorone	9.422	82	217	0.010	ng	# 39
26) 2-Nitrophenol	9.611	139	19	0.003	ng	# 1
27) 2,4-Dimethylphenol	9.687	122	122	0.017	ng	# 46
28) bis(2-Chloroethoxy)met...	9.911	93	165	0.011	ng	# 78
29) 2,4-Dichlorophenol	10.128	162	23	0.002	ng	# 1
30) 1,2,4-Trichlorobenzene	10.363	180	67	0.006	ng	# 51
31) Naphthalene	10.534	128	5590	0.153	ng	# 98
32) Benzoic acid	9.805	122	18	0.002	ng	# 1
33) 4-Chloroaniline	10.669	127	74	0.006	ng	# 1
34) Hexachlorobutadiene	10.816	225	12	0.002	ng	# 56
35) Caprolactam	11.428	113	87	0.023	ng	# 1
36) 4-Chloro-3-methylphenol	11.793	107	49	0.004	ng	# 44
37) 2-Methylnaphthalene	12.152	142	1032	0.041	ng	# 83
38) 1-Methylnaphthalene	12.363	142	711	0.029	ng	# 79
40) 1,2,4,5-Tetrachloroben...	12.499	216	3	0.000	ng	# 1
41) Hexachlorocyclopentadiene	12.522	237	15	0.004	ng	# 88
43) 2,4,6-Trichlorophenol	12.757	196	33	0.004	ng	# 86

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	27	0.003	ng	# 1
46) 1,1'-Biphenyl	13.163	154	427	0.014	ng	88
47) 2-Chloronaphthalene	13.199	162	57	0.003	ng	# 1
48) 2-Nitroaniline	13.410	65	96	0.015	ng	# 32
49) Acenaphthylene	14.057	152	407	0.011	ng	# 63
50) Dimethylphthalate	13.799	163	4319	0.144	ng	99
51) 2,6-Dinitrotoluene	13.863	165	91	0.014	ng	93
52) Acenaphthene	14.404	154	790	0.035	ng	# 78
53) 3-Nitroaniline	14.246	138	53	0.008	ng	# 1
54) 2,4-Dinitrophenol	14.434	184	28	0.007	ng	# 1
55) Dibenzofuran	14.757	168	1056	0.028	ng	99
56) 4-Nitrophenol	14.569	139	50	0.009	ng	# 78
57) 2,4-Dinitrotoluene	14.704	165	44	0.005	ng	# 65
58) Fluorene	15.416	166	1233	0.043	ng	# 71
59) 2,3,4,6-Tetrachlorophenol	14.969	232	39	0.005	ng	# 1
60) Diethylphthalate	15.181	149	27314	0.881	ng	96
61) 4-Chlorophenyl-phenyle...	15.398	204	72	0.005	ng	# 17
62) 4-Nitroaniline	15.263	138	30	0.004	ng	92
63) Azobenzene	15.740	77	783	0.027	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.504	198	14	0.003	ng	# 1
66) n-Nitrosodiphenylamine	15.869	169	19206	0.860	ng	# 49
67) 4-Bromophenyl-phenylether	16.322	248	46	0.006	ng	# 1
68) Hexachlorobenzene	16.451	284	43	0.004	ng	# 40
69) Atrazine	16.645	200	50	0.009	ng	82
70) Pentachlorophenol	16.834	266	362	0.053	ng	94
71) Phenanthrene	17.192	178	4015	0.098	ng	98
72) Anthracene	17.192	178	4055	0.103	ng	99
73) Carbazole	17.587	167	5633	0.147	ng	# 86
74) Di-n-butylphthalate	18.169	149	35647	0.744	ng	98
75) Fluoranthene	19.292	202	4769	0.098	ng	93
77) Benzidine	19.498	184	15	0.002	ng	# 1
78) Pyrene	19.675	202	5763	0.125	ng	# 93
80) Butylbenzylphthalate	20.622	149	1403	0.071	ng	# 86
81) Benzo(a)anthracene	21.604	228	9577	0.212	ng	# 85
82) 3,3'-Dichlorobenzidine	21.528	252	458	0.029	ng	# 42
83) Chrysene	21.669	228	9222	0.213	ng	94
84) Bis(2-ethylhexyl)phtha...	21.528	149	8152	0.281	ng	# 91
85) Di-n-octyl phthalate	22.804	149	3155	0.067	ng	# 62
87) Indeno(1,2,3-cd)pyrene	28.804	276	1081	0.016	ng	# 84
88) Benzo(b)fluoranthene	23.904	252	10035	0.177	ng	# 84
89) Benzo(k)fluoranthene	23.992	252	8487	0.155	ng	# 74
90) Benzo(a)pyrene	24.810	252	4479	0.091	ng	# 53
91) Dibenzo(a,h)anthracene	28.774	278	146	0.003	ng	# 1
92) Benzo(g,h,i)perylene	29.980	276	1232	0.022	ng	# 75

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

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