

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052825\
 Data File : BP024817.D
 Acq On : 28 May 2025 16:10
 Operator : RC/JU
 Sample : Q2128-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP03-MHMMSD

Quant Time: May 28 16:35:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 28 14:16:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	131053	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	534404	20.000	ng	0.00
39) Acenaphthene-d10	14.275	164	332641	20.000	ng	0.00
64) Phenanthrene-d10	17.075	188	693874	20.000	ng	0.01
76) Chrysene-d12	21.504	240	881777	20.000	ng	0.01
86) Perylene-d12	24.768	264	1089448	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	828966	108.188	ng	0.00
7) Phenol-d6	6.852	99	1063290	108.730	ng	0.00
23) Nitrobenzene-d5	8.799	82	586873	55.487	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	706677	125.315	ng	0.01
45) 2-Fluorobiphenyl	12.887	172	1294700	50.992	ng	0.00
79) Terphenyl-d14	19.798	244	2938706	57.146	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.216	88	121404	33.742	ng	100
3) Pyridine	3.611	79	291009	36.476	ng	95
4) n-Nitrosodimethylamine	3.522	42	143581	40.766	ng	96
6) Aniline	6.993	93	269389	21.336	ng	99
8) 2-Chlorophenol	7.222	128	416306	47.861	ng	96
9) Benzaldehyde	6.805	77	207290	32.745	ng	94
10) Phenol	6.875	94	471609	46.725	ng	99
11) bis(2-Chloroethyl)ether	7.081	93	327748	39.518	ng	98
12) 1,3-Dichlorobenzene	7.534	146	431060	43.074	ng	98
13) 1,4-Dichlorobenzene	7.681	146	440123	43.727	ng	99
14) 1,2-Dichlorobenzene	7.999	146	425559	43.390	ng	99
15) Benzyl Alcohol	7.899	79	331337	44.586	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.169	45	383559	38.617	ng	98
17) 2-Methylphenol	8.104	107	326652	45.122	ng	97
18) Hexachloroethane	8.710	117	156971	40.697	ng	97
19) n-Nitroso-di-n-propyla...	8.452	70	254227	37.582	ng	97
20) 3+4-Methylphenols	8.434	107	443155	45.003	ng	99
22) Acetophenone	8.469	105	567821	42.536	ng	# 98
24) Nitrobenzene	8.840	77	384861	41.349	ng	94
25) Isophorone	9.363	82	726046	39.574	ng	96
26) 2-Nitrophenol	9.546	139	226141	49.583	ng	97
27) 2,4-Dimethylphenol	9.616	122	378702	47.095	ng	97
28) bis(2-Chloroethoxy)met...	9.834	93	438735	40.027	ng	98
29) 2,4-Dichlorophenol	10.087	162	383549	49.220	ng	95
30) 1,2,4-Trichlorobenzene	10.281	180	402001	45.780	ng	98
31) Naphthalene	10.463	128	1234668	44.584	ng	100
32) Benzoic acid	9.793	122	262609	47.080	ng	93
33) 4-Chloroaniline	10.593	127	130344	11.664	ng	98
34) Hexachlorobutadiene	10.746	225	256607	45.109	ng	97
35) Caprolactam	11.393	113	129000	45.756	ng	92
36) 4-Chloro-3-methylphenol	11.728	107	425184	44.743	ng	96
37) 2-Methylnaphthalene	12.075	142	795079	44.339	ng	98
38) 1-Methylnaphthalene	12.304	142	829298	43.223	ng	100
40) 1,2,4,5-Tetrachloroben...	12.451	216	460683	47.692	ng	99
41) Hexachlorocyclopentadiene	12.422	237	536736	91.637	ng	97
43) 2,4,6-Trichlorophenol	12.704	196	319001	50.987	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.792	196	352969	50.682	ng	97
46) 1,1'-Biphenyl	13.098	154	1122131	45.641	ng	99
47) 2-Chloronaphthalene	13.140	162	860511	45.904	ng	100
48) 2-Nitroaniline	13.357	65	245915	44.309	ng	95
49) Acenaphthylene	13.992	152	1425037	45.425	ng	100
50) Dimethylphthalate	13.739	163	1110177	43.787	ng	100
51) 2,6-Dinitrotoluene	13.863	165	244503	45.662	ng	94
52) Acenaphthene	14.339	154	817286	45.317	ng	99
53) 3-Nitroaniline	14.204	138	119007	21.766	ng	95
54) 2,4-Dinitrophenol	14.416	184	312535	91.555	ng	96
55) Dibenzofuran	14.681	168	1316392	45.761	ng	99
56) 4-Nitrophenol	14.551	139	422188	88.706	ng	96
57) 2,4-Dinitrotoluene	14.657	165	366721	48.578	ng	94
58) Fluorene	15.339	166	1090496	46.491	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.922	232	321932	49.831	ng	96
60) Diethylphthalate	15.116	149	1162423	45.362	ng	99
61) 4-Chlorophenyl-phenyle...	15.334	204	537081	45.914	ng	99
62) 4-Nitroaniline	15.386	138	250373m	47.426	ng	
63) Azobenzene	15.634	77	1024676	46.742	ng	95
65) 4,6-Dinitro-2-methylph...	15.439	198	205063	45.753	ng	97
66) n-Nitrosodiphenylamine	15.557	169	956433	44.875	ng	98
67) 4-Bromophenyl-phenylether	16.251	248	382708	46.807	ng	94
68) Hexachlorobenzene	16.369	284	499004	48.030	ng	93
69) Atrazine	16.539	200	376150	48.159	ng	99
70) Pentachlorophenol	16.728	266	675725	115.864	ng	99
71) Phenanthrene	17.116	178	1906283	49.420	ng	100
72) Anthracene	17.210	178	1865994	48.081	ng	100
73) Carbazole	17.492	167	1687745	48.048	ng	100
74) Di-n-butylphthalate	18.080	149	2173857	48.121	ng	100
75) Fluoranthene	19.204	202	2709091	60.082	ng	99
77) Benzidine	19.404	184	1284556	53.487	ng	99
78) Pyrene	19.580	202	2755345	52.151	ng	100
80) Butylbenzylphthalate	20.533	149	1120892	47.703	ng	90
81) Benzo(a)anthracene	21.486	228	2823632	50.998	ng	99
82) 3,3'-Dichlorobenzidine	21.410	252	542453	26.378	ng	99
83) Chrysene	21.557	228	2592320	49.390	ng	100
84) Bis(2-ethylhexyl)phtha...	21.416	149	1676954	48.555	ng	99
85) Di-n-octyl phthalate	22.657	149	2955880	52.337	ng	99
87) Indeno(1,2,3-cd)pyrene	28.474	276	4122511	51.832	ng	# 87
88) Benzo(b)fluoranthene	23.739	252	3236693	51.905	ng	99
89) Benzo(k)fluoranthene	23.804	252	2939940	45.753	ng	100
90) Benzo(a)pyrene	24.615	252	3020627	50.436	ng	99
91) Dibenzo(a,h)anthracene	28.539	278	3203816	49.514	ng	98
92) Benzo(g,h,i)perylene	29.615	276	3335792	51.842	ng	98

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

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