

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
 Data File : BP024692.D
 Acq On : 19 May 2025 16:57
 Operator : RC/JU
 Sample : Q2032-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-24MSD

Quant Time: May 19 17:27:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	196921	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	749405	20.000	ng	0.00
39) Acenaphthene-d10	14.287	164	420201	20.000	ng	-0.02
64) Phenanthrene-d10	17.087	188	679242	20.000	ng	-0.01
76) Chrysene-d12	21.527	240	638666	20.000	ng	0.00
86) Perylene-d12	24.810	264	839473	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1209381	105.041	ng	0.00
7) Phenol-d6	6.864	99	1478895	100.645	ng	0.01
23) Nitrobenzene-d5	8.805	82	896488	60.443	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	661723	92.891	ng	0.00
45) 2-Fluorobiphenyl	12.899	172	1999584	62.344	ng	0.00
79) Terphenyl-d14	19.810	244	2209762	59.328	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.223	88	181724	33.613	ng	99
3) Pyridine	3.617	79	438532	36.581	ng	97
4) n-Nitrosodimethylamine	3.528	42	205615	38.851	ng	98
6) Aniline	6.999	93	585413	30.857	ng	100
8) 2-Chlorophenol	7.240	128	548558	41.970	ng	98
9) Benzaldehyde	6.811	77	321210	33.769	ng	99
10) Phenol	6.893	94	625410	41.237	ng	98
11) bis(2-Chloroethyl)ether	7.093	93	463977	37.231	ng	100
12) 1,3-Dichlorobenzene	7.546	146	599570	39.872	ng	99
13) 1,4-Dichlorobenzene	7.693	146	606670	40.113	ng	100
14) 1,2-Dichlorobenzene	8.005	146	576717	39.134	ng	99
15) Benzyl Alcohol	7.905	79	446064	39.947	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.181	45	548786	36.771	ng	98
17) 2-Methylphenol	8.116	107	428153	39.361	ng	99
18) Hexachloroethane	8.722	117	223961	38.643	ng	98
19) n-Nitroso-di-n-propyla...	8.458	70	347741	34.211	ng	99
20) 3+4-Methylphenols	8.446	107	565346	38.208	ng	97
22) Acetophenone	8.475	105	756270	40.400	ng	# 98
24) Nitrobenzene	8.852	77	529357	40.556	ng	96
25) Isophorone	9.369	82	957993	37.236	ng	99
26) 2-Nitrophenol	9.552	139	290801	45.467	ng	98
27) 2,4-Dimethylphenol	9.628	122	466977	41.412	ng	99
28) bis(2-Chloroethoxy)met...	9.846	93	598373	38.929	ng	99
29) 2,4-Dichlorophenol	10.099	162	472255	43.217	ng	98
30) 1,2,4-Trichlorobenzene	10.293	180	519399	42.179	ng	98
31) Naphthalene	10.475	128	1590199	40.948	ng	100
32) Benzoic acid	9.816	122	282685	37.875	ng	97
33) 4-Chloroaniline	10.593	127	341133	21.769	ng	99
34) Hexachlorobutadiene	10.757	225	336503	42.183	ng	99
35) Caprolactam	11.393	113	133067	33.657	ng	99
36) 4-Chloro-3-methylphenol	11.746	107	506053	37.975	ng	99
37) 2-Methylnaphthalene	12.087	142	977131	38.858	ng	99
38) 1-Methylnaphthalene	12.310	142	1020992	37.947	ng	99
40) 1,2,4,5-Tetrachloroben...	12.463	216	557424	45.682	ng	99
41) Hexachlorocyclopentadiene	12.440	237	711281	96.132	ng	96
43) 2,4,6-Trichlorophenol	12.716	196	357272	45.204	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.810	196	388038	44.107	ng	98
46) 1,1'-Biphenyl	13.110	154	1363337	43.897	ng	99
47) 2-Chloronaphthalene	13.151	162	1031049	43.540	ng	100
48) 2-Nitroaniline	13.369	65	280282	39.978	ng	98
49) Acenaphthylene	14.004	152	1644347	41.494	ng	99
50) Dimethylphthalate	13.746	163	1226815	38.305	ng	100
51) 2,6-Dinitrotoluene	13.863	165	264271	39.070	ng	99
52) Acenaphthene	14.351	154	924318	40.572	ng	100
53) 3-Nitroaniline	14.204	138	167821	24.299	ng	99
54) 2,4-Dinitrophenol	14.422	184	303159	71.789	ng	95
55) Dibenzofuran	14.693	168	1423464	39.172	ng	98
56) 4-Nitrophenol	14.575	139	354661	60.409	ng	99
57) 2,4-Dinitrotoluene	14.669	165	352898	37.006	ng	97
58) Fluorene	15.351	166	1151688	38.869	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.940	232	313160	38.372	ng	96
60) Diethylphthalate	15.122	149	1185410	36.620	ng	99
61) 4-Chlorophenyl-phenyle...	15.345	204	581085	39.324	ng	99
62) 4-Nitroaniline	15.392	138	207171	31.065	ng	96
63) Azobenzene	15.645	77	1052163	37.995	ng	98
65) 4,6-Dinitro-2-methylph...	15.445	198	192444	43.862	ng	98
66) n-Nitrosodiphenylamine	15.569	169	959522	45.990	ng	99
67) 4-Bromophenyl-phenylether	16.263	248	379814	47.454	ng	97
68) Hexachlorobenzene	16.375	284	461671	45.394	ng	98
69) Atrazine	16.551	200	316051	41.336	ng	98
70) Pentachlorophenol	16.739	266	507077	88.819	ng	98
71) Phenanthrene	17.128	178	1575554	41.726	ng	100
72) Anthracene	17.228	178	1580121	41.592	ng	100
73) Carbazole	17.510	167	1346907	39.171	ng	100
74) Di-n-butylphthalate	18.098	149	1803089	40.773	ng	100
75) Fluoranthene	19.216	202	1639877	37.153	ng	100
77) Benzidine	19.428	184	663223	38.128	ng	100
78) Pyrene	19.592	202	1652101	43.173	ng	100
80) Butylbenzylphthalate	20.545	149	744559	43.748	ng	93
81) Benzo(a)anthracene	21.504	228	1678348	41.851	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	551554	37.029	ng	100
83) Chrysene	21.569	228	1612852	42.426	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1101805	44.046	ng	99
85) Di-n-octyl phthalate	22.692	149	1924172	47.038	ng	99
87) Indeno(1,2,3-cd)pyrene	28.533	276	2833559	46.235	ng	# 91
88) Benzo(b)fluoranthene	23.774	252	2008973	41.810	ng	98
89) Benzo(k)fluoranthene	23.845	252	2050124	41.406	ng	99
90) Benzo(a)pyrene	24.651	252	1964741	42.575	ng	99
91) Dibenzo(a,h)anthracene	28.609	278	2330309	46.738	ng	99
92) Benzo(g,h,i)perylene	29.680	276	2295562	46.299	ng	100

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

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