

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
 Data File : BP024527.D
 Acq On : 05 May 2025 16:05
 Operator : RC/JU
 Sample : Q1928-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-QMSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/06/2025
 Supervised By :Jagrut Upadhyay 05/06/2025

Supervised By :Jagrut
 Upadhyay
 05/06/2025

Quant Time: May 05 16:44:29 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	7.710	152	168574	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	692933	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	426013	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	859507	20.000	ng	0.00
76) Chrysene-d12	21.580	240	974537	20.000	ng	-0.01
86) Perylene-d12	24.910	264	1094765	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	760834	74.626	ng	-0.01
7) Phenol-d6	6.899	99	990396	70.944	ng	-0.01
23) Nitrobenzene-d5	8.857	82	560332	46.109	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	526767	89.372	ng	0.00
45) 2-Fluorobiphenyl	12.946	172	1174863	42.225	ng	-0.02
79) Terphenyl-d14	19.857	244	2154375	44.559	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	173976	40.343	ng	# 94
3) Pyridine	3.670	79	436073	38.295	ng	92
4) n-Nitrosodimethylamine	3.581	42	192216	50.862	ng	76
6) Aniline	7.046	93	573646	45.985	ng	99
8) 2-Chlorophenol	7.287	128	556737	48.910	ng	99
9) Benzaldehyde	6.864	77	232472	33.664	ng	97
10) Phenol	6.928	94	667215	47.644	ng	93
11) bis(2-Chloroethyl)ether	7.140	93	468525	41.524	ng	100
12) 1,3-Dichlorobenzene	7.599	146	563691	45.999	ng	99
13) 1,4-Dichlorobenzene	7.740	146	571506	45.964	ng	98
14) 1,2-Dichlorobenzene	8.058	146	550339	45.838	ng	99
15) Benzyl Alcohol	7.952	79	464953	51.501	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.228	45	531072	43.545	ng	100
17) 2-Methylphenol	8.158	107	449787	49.649	ng	97
18) Hexachloroethane	8.775	117	213796	47.580	ng	97
19) n-Nitroso-di-n-propyla...	8.510	70	363951	42.141	ng	96
20) 3+4-Methylphenols	8.481	107	618160	49.177	ng	98
22) Acetophenone	8.528	105	763485	44.517	ng	# 97
24) Nitrobenzene	8.899	77	550294	45.775	ng	99
25) Isophorone	9.422	82	1028546	46.760	ng	97
26) 2-Nitrophenol	9.605	139	299689	50.941	ng	96
27) 2,4-Dimethylphenol	9.669	122	499838	67.665	ng	99
28) bis(2-Chloroethoxy)met...	9.899	93	629499	42.364	ng	98
29) 2,4-Dichlorophenol	10.140	162	504750	50.114	ng	99
30) 1,2,4-Trichlorobenzene	10.346	180	508027	47.077	ng	99
31) Naphthalene	10.534	128	1579601	43.275	ng	99
32) Benzoic acid	9.840	122	400197	46.494	ng	98
33) 4-Chloroaniline	10.646	127	370457	28.820	ng	98
34) Hexachlorobutadiene	10.816	225	316845	49.965	ng	97
35) Caprolactam	11.446	113	180124m	48.467	ng	
36) 4-Chloro-3-methylphenol	11.787	107	580722	49.501	ng	100
37) 2-Methylnaphthalene	12.146	142	1016584	40.159	ng	97
38) 1-Methylnaphthalene	12.363	142	1083639	43.758	ng	100
40) 1,2,4,5-Tetrachloroben...	12.516	216	569400	48.603	ng	98
41) Hexachlorocyclopentadiene	12.498	237	779453	188.118	ng	97
43) 2,4,6-Trichlorophenol	12.763	196	414596	53.228	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	457182	53.004	ng	99
46) 1,1'-Biphenyl	13.163	154	1448709	46.264	ng	98
47) 2-Chloronaphthalene	13.204	162	1112999	47.556	ng	98
48) 2-Nitroaniline	13.416	65	353376	53.828	ng	98
49) Acenaphthylene	14.063	152	1833713	49.765	ng	99
50) Dimethylphthalate	13.798	163	1490029	48.096	ng	99
51) 2,6-Dinitrotoluene	13.916	165	325026	49.406	ng	95
52) Acenaphthene	14.404	154	1048157	44.869	ng	99
53) 3-Nitroaniline	14.257	138	223144	32.273	ng	98
54) 2,4-Dinitrophenol	14.469	184	437557	112.914	ng	89
55) Dibenzofuran	14.751	168	1666737	43.650	ng	96
56) 4-Nitrophenol	14.592	139	624675	104.609	ng	90
57) 2,4-Dinitrotoluene	14.722	165	472668	52.671	ng	99
58) Fluorene	15.404	166	1390272	47.033	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.981	232	401699	50.495	ng	98
60) Diethylphthalate	15.181	149	1482225	46.427	ng	100
61) 4-Chlorophenyl-phenyle...	15.398	204	681083	47.449	ng	98
62) 4-Nitroaniline	15.434	138	356697	48.732	ng	87
63) Azobenzene	15.698	77	1401152	47.750	ng	96
65) 4,6-Dinitro-2-methylph...	15.492	198	276566	51.038	ng	97
66) n-Nitrosodiphenylamine	15.622	169	1219975	47.554	ng	98
67) 4-Bromophenyl-phenylether	16.310	248	461135	49.056	ng	98
68) Hexachlorobenzene	16.434	284	578175	51.761	ng	99
69) Atrazine	16.598	200	453253	69.369	ng	98
70) Pentachlorophenol	16.792	266	825072	105.879	ng	99
71) Phenanthrene	17.186	178	2170334	46.287	ng	99
72) Anthracene	17.275	178	2202133	48.730	ng	99
73) Carbazole	17.563	167	2117914	47.965	ng	99
74) Di-n-butylphthalate	18.145	149	2635239	47.904	ng	99
75) Fluoranthene	19.269	202	2627400	47.115	ng	97
77) Benzidine	19.469	184	1058859	85.716	ng	99
78) Pyrene	19.645	202	2739390	44.232	ng	99
80) Butylbenzylphthalate	20.592	149	1298523	48.950	ng	95
81) Benzo(a)anthracene	21.563	228	2899165	47.862	ng	99
82) 3,3'-Dichlorobenzidine	21.480	252	727023	34.196	ng	100
83) Chrysene	21.633	228	2678462	46.155	ng	100
84) Bis(2-ethylhexyl)phtha...	21.492	149	1847858	47.517	ng	99
85) Di-n-octyl phthalate	22.763	149	3200463	50.624	ng	100
87) Indeno(1,2,3-cd)pyrene	28.704	276	3826691	50.349	ng	98
88) Benzo(b)fluoranthene	23.863	252	3036144	46.268	ng	# 96
89) Benzo(k)fluoranthene	23.927	252	3015564	47.574	ng	# 97
90) Benzo(a)pyrene	24.763	252	2889633	51.050	ng	# 97
91) Dibenzo(a,h)anthracene	28.780	278	3139375	49.764	ng	97
92) Benzo(g,h,i)perylene	29.874	276	3071570	47.835	ng	95

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

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