

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
 Data File : BF142109.D
 Acq On : 26 Mar 2025 21:07
 Operator : RC/JU
 Sample : Q1636-17MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5MSD

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/27/2025
 Supervised By :Jagrut Upadhyay 03/27/2025

Quant Time: Mar 27 01:05:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	138130	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	546099	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	319789	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	575005	20.000	ng	0.00
76) Chrysene-d12	14.039	240	375129	20.000	ng	0.00
86) Perylene-d12	15.510	264	351701	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	925305	111.800	ng	0.00
7) Phenol-d6	6.498	99	1165476	110.601	ng	0.00
23) Nitrobenzene-d5	7.434	82	740334	76.292	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	528735	130.328	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1560933	74.233	ng	-0.01
79) Terphenyl-d14	12.980	244	1890615	74.513	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	164106	47.322	ng	97
3) Pyridine	3.469	79	425666	50.041	ng	96
4) n-Nitrosodimethylamine	3.422	42	190509	46.982	ng	94
6) Aniline	6.534	93	310869	29.905	ng	98
8) 2-Chlorophenol	6.657	128	480750	52.374	ng	97
9) Benzaldehyde	6.422	77	310461	52.679	ng	99
10) Phenol	6.516	94	567897	51.227	ng	100
11) bis(2-Chloroethyl)ether	6.604	93	405328	48.692	ng	98
12) 1,3-Dichlorobenzene	6.810	146	505867	51.047	ng	99
13) 1,4-Dichlorobenzene	6.887	146	513791	51.242	ng	99
14) 1,2-Dichlorobenzene	7.040	146	492026	52.098	ng	98
15) Benzyl Alcohol	7.010	79	415013	48.715	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	446125	44.392	ng	96
17) 2-Methylphenol	7.122	107	377398	51.710	ng	99
18) Hexachloroethane	7.381	117	189753	50.467	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	308958	45.629	ng	99
20) 3+4-Methylphenols	7.275	107	468483	50.114	ng	# 85
22) Acetophenone	7.281	105	630584	48.218	ng	97
24) Nitrobenzene	7.451	77	482801	50.047	ng	99
25) Isophorone	7.692	82	873447	50.920	ng	99
26) 2-Nitrophenol	7.769	139	257551	54.396	ng	98
27) 2,4-Dimethylphenol	7.804	122	423945	65.027	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	523707	48.678	ng	99
29) 2,4-Dichlorophenol	8.010	162	414867	51.267	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	462960	51.914	ng	98
31) Naphthalene	8.175	128	1360335	48.493	ng	100
32) Benzoic acid	7.904	122	160353	27.981	ng	95
33) 4-Chloroaniline	8.222	127	98418	9.938	ng	96
34) Hexachlorobutadiene	8.292	225	303111	52.119	ng	99
35) Caprolactam	8.592	113	124983m	50.659	ng	
36) 4-Chloro-3-methylphenol	8.704	107	461943	51.174	ng	99
37) 2-Methylnaphthalene	8.869	142	850424	45.355	ng	100
38) 1-Methylnaphthalene	8.969	142	879510	48.608	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	490148	50.342	ng	99
41) Hexachlorocyclopentadiene	9.022	237	687406	180.403	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	331277	52.063	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
 Data File : BF142109.D
 Acq On : 26 Mar 2025 21:07
 Operator : RC/JU
 Sample : Q1636-17MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5MSD

Quant Time: Mar 27 01:05:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/27/2025
 Supervised By :Jagrut Upadhyay 03/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	344242	53.416	ng	99
46) 1,1'-Biphenyl	9.334	154	1201890	49.464	ng	99
47) 2-Chloronaphthalene	9.357	162	915295	50.540	ng	98
48) 2-Nitroaniline	9.451	65	269060	51.311	ng	95
49) Acenaphthylene	9.775	152	1462920	54.434	ng	100
50) Dimethylphthalate	9.634	163	1127207	50.335	ng	100
51) 2,6-Dinitrotoluene	9.692	165	253061	54.274	ng	93
52) Acenaphthene	9.945	154	1010875	53.523	ng	99
53) 3-Nitroaniline	9.863	138	95321	20.154	ng	93
54) 2,4-Dinitrophenol	9.969	184	203577	77.104	ng	# 47
55) Dibenzofuran	10.116	168	1314002	48.690	ng	99
56) 4-Nitrophenol	10.028	139	404080	113.291	ng	95
57) 2,4-Dinitrotoluene	10.098	165	357536	58.710	ng	98
58) Fluorene	10.457	166	1062092	51.034	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	310427	52.935	ng	97
60) Diethylphthalate	10.333	149	1090322	48.828	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	549765	50.669	ng	97
62) 4-Nitroaniline	10.481	138	249226	54.126	ng	98
63) Azobenzene	10.610	77	1038476	50.022	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	178226	51.993	ng	98
66) n-Nitrosodiphenylamine	10.569	169	924024	49.659	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	364745	50.509	ng	97
68) Hexachlorobenzene	11.010	284	424347	53.578	ng	93
69) Atrazine	11.098	200	342783	60.092	ng	99
70) Pentachlorophenol	11.204	266	450681	92.355	ng	99
71) Phenanthrene	11.422	178	1576977	50.775	ng	100
72) Anthracene	11.475	178	1619966	51.990	ng	100
73) Carbazole	11.628	167	1384901	51.537	ng	100
74) Di-n-butylphthalate	11.957	149	1693130	47.485	ng	100
75) Fluoranthene	12.610	202	1639306	49.759	ng	99
77) Benzidine	12.727	184	495819	94.735	ng	99
78) Pyrene	12.839	202	1618593	49.881	ng	100
80) Butylbenzylphthalate	13.457	149	597372	47.035	ng	97
81) Benzo(a)anthracene	14.027	228	1280354	52.013	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	105269	14.798	ng	100
83) Chrysene	14.063	228	1152122	51.633	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	756851	43.220	ng	100
85) Di-n-octyl phthalate	14.627	149	1065129	43.715	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	1310224	57.590	ng	97
88) Benzo(b)fluoranthene	15.080	252	1117596	46.365	ng	99
89) Benzo(k)fluoranthene	15.110	252	1071816	51.960	ng	99
90) Benzo(a)pyrene	15.451	252	1031576	54.695	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	1063563	56.659	ng	98
92) Benzo(g,h,i)perylene	17.457	276	1032439	55.657	ng	97

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

