

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
 Data File : BF142108.D
 Acq On : 26 Mar 2025 20:37
 Operator : RC/JU
 Sample : Q1636-17MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5MS

Quant Time: Mar 27 01:05:02 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)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	135946	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	522635	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	305798	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	546937	20.000	ng	0.00
76) Chrysene-d12	14.039	240	356639	20.000	ng	0.00
86) Perylene-d12	15.510	264	353386	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	935961	114.905	ng	0.00
7) Phenol-d6	6.498	99	1175783	113.371	ng	0.00
23) Nitrobenzene-d5	7.434	82	759482	81.779	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	533957	137.637	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1588567	79.003	ng	-0.01
79) Terphenyl-d14	12.980	244	1907048	79.057	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	167794	49.163	ng	97
3) Pyridine	3.469	79	435363	52.003	ng	98
4) n-Nitrosodimethylamine	3.428	42	196786	49.310	ng	94
6) Aniline	6.534	93	310834	30.382	ng	97
8) 2-Chlorophenol	6.657	128	486911	53.897	ng	97
9) Benzaldehyde	6.422	77	310879	53.597	ng	98
10) Phenol	6.516	94	571358	52.367	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	414704	50.619	ng	98
12) 1,3-Dichlorobenzene	6.810	146	514305	52.732	ng	99
13) 1,4-Dichlorobenzene	6.887	146	525070	53.208	ng	99
14) 1,2-Dichlorobenzene	7.040	146	503431	54.162	ng	99
15) Benzyl Alcohol	7.010	79	423059	50.458	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	449995	45.496	ng	97
17) 2-Methylphenol	7.122	107	386306	53.781	ng	99
18) Hexachloroethane	7.381	117	191834	51.840	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	311144	46.690	ng	98
20) 3+4-Methylphenols	7.275	107	481095	52.290	ng	# 85
22) Acetophenone	7.281	105	639215	51.072	ng	97
24) Nitrobenzene	7.451	77	491244	53.209	ng	99
25) Isophorone	7.692	82	889393	54.177	ng	99
26) 2-Nitrophenol	7.769	139	262046	57.831	ng	98
27) 2,4-Dimethylphenol	7.804	122	432318	69.289	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	532112	51.679	ng	99
29) 2,4-Dichlorophenol	8.010	162	422948	54.613	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	466810	54.696	ng	99
31) Naphthalene	8.175	128	1396145	52.004	ng	100
32) Benzoic acid	7.904	122	151806	27.679	ng	97
33) 4-Chloroaniline	8.222	127	95601	10.087	ng	97
34) Hexachlorobutadiene	8.292	225	313112	56.255	ng	99
35) Caprolactam	8.592	113	120362m	50.977	ng	
36) 4-Chloro-3-methylphenol	8.704	107	466144	53.958	ng	97
37) 2-Methylnaphthalene	8.869	142	866104	48.265	ng	100
38) 1-Methylnaphthalene	8.969	142	900813	52.021	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	498781	53.573	ng	98
41) Hexachlorocyclopentadiene	9.022	237	693213	190.251	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	337099	55.401	ng	100

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44) 2,4,5-Trichlorophenol	9.186	196	347581	56.402	ng	98
46) 1,1'-Biphenyl	9.328	154	1222161	52.600	ng	100
47) 2-Chloronaphthalene	9.357	162	932600	53.851	ng	98
48) 2-Nitroaniline	9.451	65	277579	55.357	ng	98
49) Acenaphthylene	9.775	152	1481777	57.658	ng	100
50) Dimethylphthalate	9.633	163	1133483	52.931	ng	100
51) 2,6-Dinitrotoluene	9.692	165	253118	56.770	ng	95
52) Acenaphthene	9.945	154	1017878	56.360	ng	100
53) 3-Nitroaniline	9.863	138	93004	20.564	ng	97
54) 2,4-Dinitrophenol	9.969	184	197183	78.014	ng	# 48
55) Dibenzofuran	10.116	168	1333144	51.660	ng	99
56) 4-Nitrophenol	10.028	139	409933	120.190	ng	95
57) 2,4-Dinitrotoluene	10.098	165	358228	61.515	ng	99
58) Fluorene	10.463	166	1073177	53.926	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	314097	56.011	ng	97
60) Diethylphthalate	10.333	149	1107779	51.880	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	553625	53.359	ng	98
62) 4-Nitroaniline	10.480	138	252412	57.326	ng	97
63) Azobenzene	10.610	77	1055655	53.176	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	176345	54.085	ng	92
66) n-Nitrosodiphenylamine	10.569	169	939826	53.100	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	370062	53.875	ng	97
68) Hexachlorobenzene	11.004	284	429047	56.951	ng	97
69) Atrazine	11.098	200	344887	63.564	ng	98
70) Pentachlorophenol	11.204	266	460182	99.141	ng	99
71) Phenanthrene	11.422	178	1590326	53.833	ng	100
72) Anthracene	11.475	178	1648122	55.608	ng	100
73) Carbazole	11.627	167	1399456	54.751	ng	100
74) Di-n-butylphthalate	11.957	149	1687064	49.743	ng	100
75) Fluoranthene	12.610	202	1630511	52.031	ng	99
77) Benzidine	12.727	184	486819	97.838	ng	100
78) Pyrene	12.839	202	1611827	52.248	ng	100
80) Butylbenzylphthalate	13.457	149	590231	48.882	ng	97
81) Benzo(a)anthracene	14.027	228	1278889	54.647	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	101090	14.947	ng	99
83) Chrysene	14.063	228	1166785	55.001	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	742918	44.624	ng	100
85) Di-n-octyl phthalate	14.627	149	1072844	46.314	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	1377648	60.265	ng	97
88) Benzo(b)fluoranthene	15.080	252	1145221	47.285	ng	99
89) Benzo(k)fluoranthene	15.110	252	1125987	54.326	ng	99
90) Benzo(a)pyrene	15.451	252	1089742	57.503	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	1129429	59.881	ng	99
92) Benzo(g,h,i)perylene	17.457	276	1101556	59.100	ng	98

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

