

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030525\
 Data File : BF141845.D
 Acq On : 05 Mar 2025 15:51
 Operator : RC/JU
 Sample : Q1487-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-42MSD

Quant Time: Mar 05 16:12:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/06/2025
 Supervised By :Jagrut Upadhyay 03/06/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	191311	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	731999	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	367233	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	575333	20.000	ng	0.00
76) Chrysene-d12	14.039	240	414755	20.000	ng	-0.01
86) Perylene-d12	15.509	264	465047	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1301485	108.643	ng	0.00
7) Phenol-d6	6.504	99	1625710	104.263	ng	0.00
23) Nitrobenzene-d5	7.445	82	1029379	89.888	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	402954	116.878	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1718796	75.048	ng	0.00
79) Terphenyl-d14	12.986	244	1459806	56.946	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	228087	41.961	ng	99
3) Pyridine	3.475	79	547422	40.476	ng	98
4) n-Nitrosodimethylamine	3.416	42	283179	43.516	ng	97
6) Aniline	6.545	93	629942	38.861	ng	100
8) 2-Chlorophenol	6.669	128	575056	44.375	ng	96
9) Benzaldehyde	6.434	77	206651	22.785	ng	98
10) Phenol	6.522	94	741516	44.504	ng	97
11) bis(2-Chloroethyl)ether	6.622	93	531330	41.835	ng	97
12) 1,3-Dichlorobenzene	6.828	146	603684	43.499	ng	99
13) 1,4-Dichlorobenzene	6.904	146	616390	44.080	ng	99
14) 1,2-Dichlorobenzene	7.057	146	583334	44.674	ng	98
15) Benzyl Alcohol	7.022	79	497324	39.909	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	733553	38.031	ng	99
17) 2-Methylphenol	7.128	107	454751	42.513	ng	100
18) Hexachloroethane	7.398	117	224314	42.859	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	390439	38.092	ng	99
20) 3+4-Methylphenols	7.281	107	581786	43.679	ng	97
22) Acetophenone	7.292	105	842821	47.275	ng	98
24) Nitrobenzene	7.463	77	598766	48.826	ng	99
25) Isophorone	7.704	82	1045129	42.481	ng	99
26) 2-Nitrophenol	7.781	139	281708	51.099	ng	99
27) 2,4-Dimethylphenol	7.810	122	484864	53.613	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	621875	39.625	ng	99
29) 2,4-Dichlorophenol	8.016	162	452566	43.378	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	495020	43.300	ng	98
31) Naphthalene	8.186	128	1597999	42.475	ng	99
32) Benzoic acid	7.910	122	356667m	47.372	ng	
33) 4-Chloroaniline	8.233	127	347428	25.186	ng	98
34) Hexachlorobutadiene	8.304	225	307767	43.322	ng	98
35) Caprolactam	8.592	113	165656	51.613	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	485311	41.874	ng	99
37) 2-Methylnaphthalene	8.880	142	980751	39.744	ng	99
38) 1-Methylnaphthalene	8.975	142	970185	40.974	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	524773	49.478	ng	99
41) Hexachlorocyclopentadiene	9.033	237	568656	128.474	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	320323	46.755	ng	100

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44) 2,4,5-Trichlorophenol	9.186	196	326554	48.135	ng	99
46) 1,1'-Biphenyl	9.339	154	1381301	49.416	ng	99
47) 2-Chloronaphthalene	9.369	162	939307	45.529	ng	98
48) 2-Nitroaniline	9.457	65	301849	52.958	ng	97
49) Acenaphthylene	9.780	152	1444944	46.713	ng	100
50) Dimethylphthalate	9.639	163	1069323	43.481	ng	99
51) 2,6-Dinitrotoluene	9.698	165	235755	49.987	ng	96
52) Acenaphthene	9.957	154	980429	46.974	ng	99
53) 3-Nitroaniline	9.869	138	179159	36.508	ng	# 94
54) 2,4-Dinitrophenol	9.969	184	153518	73.318	ng	# 18
55) Dibenzofuran	10.127	168	1289752	42.456	ng	98
56) 4-Nitrophenol	10.016	139	414529	114.125	ng	99
57) 2,4-Dinitrotoluene	10.104	165	323093	55.621	ng	91
58) Fluorene	10.469	166	986733	43.363	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	269777	45.723	ng	98
60) Diethylphthalate	10.339	149	1010574	40.990	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	482285	42.302	ng	99
62) 4-Nitroaniline	10.480	138	222496	52.977	ng	96
63) Azobenzene	10.622	77	1103992	42.529	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	112278	42.552	ng	92
66) n-Nitrosodiphenylamine	10.574	169	874306	46.279	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	299369	44.548	ng	97
68) Hexachlorobenzene	11.016	284	318600	44.897	ng	99
69) Atrazine	11.104	200	327584	63.055	ng	98
70) Pentachlorophenol	11.204	266	378895	84.186	ng	99
71) Phenanthrene	11.427	178	1401406	45.538	ng	99
72) Anthracene	11.480	178	1410204	45.722	ng	99
73) Carbazole	11.633	167	1207332	44.327	ng	99
74) Di-n-butylphthalate	11.963	149	1415465	40.999	ng	100
75) Fluoranthene	12.616	202	1296948	41.129	ng	98
77) Benzidine	12.733	184	567942	108.795	ng	99
78) Pyrene	12.845	202	1302790	36.274	ng	99
80) Butylbenzylphthalate	13.463	149	493506	37.820	ng	98
81) Benzo(a)anthracene	14.033	228	1246967	45.518	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	378006	48.093	ng	100
83) Chrysene	14.068	228	1103430	43.694	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	628755	38.698	ng	100
85) Di-n-octyl phthalate	14.633	149	1135656	46.687	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	1039862	35.115	ng	98
88) Benzo(b)fluoranthene	15.080	252	1433060	45.239	ng	99
89) Benzo(k)fluoranthene	15.109	252	1063202	39.488	ng	99
90) Benzo(a)pyrene	15.451	252	1186012	46.684	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	871243	36.044	ng	98
92) Benzo(g,h,i)perylene	17.445	276	735371	29.696	ng	98

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

