

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030725\
 Data File : BF141893.D
 Acq On : 07 Mar 2025 18:30
 Operator : RC/JU
 Sample : Q1488-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-101-SB01MS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/10/2025
 Supervised By :Jagrut Upadhyay 03/10/2025

Quant Time: Mar 07 21:45:45 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	146872	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	566046	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	296352	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	482424	20.000	ng	0.00
76) Chrysene-d12	14.045	240	376304	20.000	ng	0.00
86) Perylene-d12	15.515	264	373298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1085782	118.061	ng	0.02
7) Phenol-d6	6.510	99	1289939	107.760	ng	0.00
23) Nitrobenzene-d5	7.445	82	976810	110.305	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	507581	182.438	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1887954	102.150	ng	0.00
79) Terphenyl-d14	12.986	244	1932793	83.100	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.805	88	134944	32.337	ng	# 79
3) Pyridine	3.534	79	304229	29.301	ng	94
4) n-Nitrosodimethylamine	3.463	42	167627	33.553	ng	# 95
6) Aniline	6.551	93	271425	21.810	ng	98
8) 2-Chlorophenol	6.669	128	392071	39.409	ng	95
9) Benzaldehyde	6.440	77	82387	11.832	ng	97
10) Phenol	6.522	94	421103	32.921	ng	96
11) bis(2-Chloroethyl)ether	6.622	93	347294	35.618	ng	95
12) 1,3-Dichlorobenzene	6.828	146	403448	37.867	ng	98
13) 1,4-Dichlorobenzene	6.904	146	413101	38.481	ng	99
14) 1,2-Dichlorobenzene	7.057	146	404172	40.318	ng	98
15) Benzyl Alcohol	7.022	79	376371	39.342	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	445763	30.103	ng	94
17) 2-Methylphenol	7.134	107	327586	39.891	ng	99
18) Hexachloroethane	7.398	117	149748	37.269	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	284179	36.114	ng	98
20) 3+4-Methylphenols	7.281	107	417320	40.811	ng	97
22) Acetophenone	7.292	105	635484	46.096	ng	97
24) Nitrobenzene	7.469	77	425775	44.899	ng	96
25) Isophorone	7.704	82	779771	40.987	ng	98
26) 2-Nitrophenol	7.781	139	202530	47.827	ng	97
27) 2,4-Dimethylphenol	7.810	122	347141	49.638	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	457528	37.700	ng	99
29) 2,4-Dichlorophenol	8.016	162	345967	42.882	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	365988	41.399	ng	99
31) Naphthalene	8.187	128	1141283	39.230	ng	99
32) Benzoic acid	7.910	122	245541	43.017	ng	99
33) 4-Chloroaniline	8.234	127	117535	11.018	ng	98
34) Hexachlorobutadiene	8.304	225	232432	42.309	ng	99
35) Caprolactam	8.592	113	107829m	43.446	ng	
36) 4-Chloro-3-methylphenol	8.710	107	387917	43.283	ng	99
37) 2-Methylnaphthalene	8.875	142	769169	40.308	ng	99
38) 1-Methylnaphthalene	8.975	142	735586	40.174	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	417293	48.755	ng	100
41) Hexachlorocyclopentadiene	9.028	237	385277	107.863	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	260598	47.135	ng	99

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44) 2,4,5-Trichlorophenol	9.192	196	273305	49.921	ng	98
46) 1,1'-Biphenyl	9.339	154	1127721	49.994	ng	98
47) 2-Chloronaphthalene	9.369	162	749626	45.026	ng	99
48) 2-Nitroaniline	9.457	65	238921	52.027	ng	95
49) Acenaphthylene	9.781	152	1179845	47.266	ng	99
50) Dimethylphthalate	9.639	163	929996	46.861	ng	99
51) 2,6-Dinitrotoluene	9.698	165	202875	53.116	ng	94
52) Acenaphthene	9.951	154	846529	50.260	ng	99
53) 3-Nitroaniline	9.869	138	121880	31.242	ng #	92
54) 2,4-Dinitrophenol	9.975	184	171206	92.918	ng #	1
55) Dibenzofuran	10.128	168	1036351	42.274	ng	99
56) 4-Nitrophenol	10.022	139	318494	108.658	ng	95
57) 2,4-Dinitrotoluene	10.104	165	265097	56.493	ng	90
58) Fluorene	10.469	166	843493	45.934	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	231562	48.633	ng	99
60) Diethylphthalate	10.339	149	887696	44.618	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	424604	46.150	ng	98
62) 4-Nitroaniline	10.480	138	191771	56.583	ng	97
63) Azobenzene	10.622	77	828989	39.573	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	114613	50.036	ng	88
66) n-Nitrosodiphenylamine	10.575	169	723072	45.645	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	266010	47.208	ng	96
68) Hexachlorobenzene	11.016	284	295638	49.684	ng	96
69) Atrazine	11.104	200	285547	65.549	ng	98
70) Pentachlorophenol	11.204	266	357301	94.677	ng	99
71) Phenanthrene	11.427	178	1199549	46.485	ng	99
72) Anthracene	11.480	178	1200670	46.426	ng	99
73) Carbazole	11.633	167	1040605	45.564	ng	99
74) Di-n-butylphthalate	11.963	149	1188156	41.042	ng	99
75) Fluoranthene	12.616	202	1125422	42.563	ng	96
77) Benzidine	12.733	184	358813	75.758	ng	99
78) Pyrene	12.845	202	1188284	36.467	ng	99
80) Butylbenzylphthalate	13.463	149	471966	39.865	ng	96
81) Benzo(a)anthracene	14.033	228	1131048	45.505	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	260330	36.506	ng	99
83) Chrysene	14.068	228	998763	43.591	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	621644	42.170	ng	99
85) Di-n-octyl phthalate	14.633	149	1101586	49.914	ng	96
87) Indeno(1,2,3-cd)pyrene	17.004	276	897282	37.748	ng #	94
88) Benzo(b)fluoranthene	15.080	252	1178241	46.336	ng	99
89) Benzo(k)fluoranthene	15.115	252	1025295	47.439	ng	97
90) Benzo(a)pyrene	15.451	252	975022	47.812	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	744676	38.380	ng #	96
92) Benzo(g,h,i)perylene	17.451	276	665037	33.457	ng	95

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

