

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
 Data File : BF142032.D
 Acq On : 21 Mar 2025 16:21
 Operator : RC/JU
 Sample : Q1619-09MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/24/2025
 Supervised By :Jagrut Upadhyay 03/24/2025

Quant Time: Mar 21 16:49:22 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	6.875	152	138871	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	533642	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	287013	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	449886	20.000	ng	0.00
76) Chrysene-d12	14.039	240	279718	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	329737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	643421	77.327	ng	0.00
7) Phenol-d6	6.498	99	878405	82.914	ng	0.00
23) Nitrobenzene-d5	7.434	82	561624	59.227	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	244579	67.171	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1105944	58.601	ng	-0.01
79) Terphenyl-d14	12.980	244	992229	52.444	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	162405	46.582	ng	98
3) Pyridine	3.475	79	356654	41.704	ng	99
4) n-Nitrosodimethylamine	3.422	42	172902	42.413	ng	96
6) Aniline	6.534	93	263467	25.209	ng	98
8) 2-Chlorophenol	6.657	128	418967	45.400	ng	99
9) Benzaldehyde	6.422	77	107698	18.177	ng	99
10) Phenol	6.516	94	492276	44.168	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	369934	44.203	ng	97
12) 1,3-Dichlorobenzene	6.816	146	458658	46.036	ng	98
13) 1,4-Dichlorobenzene	6.892	146	464234	46.053	ng	99
14) 1,2-Dichlorobenzene	7.045	146	442418	46.596	ng	98
15) Benzyl Alcohol	7.010	79	361908	42.255	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	413540	40.930	ng	98
17) 2-Methylphenol	7.122	107	329408	44.894	ng	99
18) Hexachloroethane	7.387	117	172044	45.513	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	272929	40.093	ng	99
20) 3+4-Methylphenols	7.275	107	411532	43.787	ng	# 85
22) Acetophenone	7.281	105	625098	48.914	ng	98
24) Nitrobenzene	7.451	77	427221	45.320	ng	99
25) Isophorone	7.692	82	765384	45.662	ng	100
26) 2-Nitrophenol	7.769	139	223524	48.312	ng	98
27) 2,4-Dimethylphenol	7.804	122	347124	54.487	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	464565	44.188	ng	99
29) 2,4-Dichlorophenol	8.010	162	352425	44.568	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	401357	46.057	ng	98
31) Naphthalene	8.181	128	1225504	44.706	ng	100
32) Benzoic acid	7.875	122	92221	16.468	ng	97
33) 4-Chloroaniline	8.222	127	149760	15.476	ng	98
34) Hexachlorobutadiene	8.292	225	271150	47.711	ng	99
35) Caprolactam	8.586	113	96479m	40.019	ng	
36) 4-Chloro-3-methylphenol	8.704	107	374923	42.503	ng	98
37) 2-Methylnaphthalene	8.869	142	773443	42.212	ng	99
38) 1-Methylnaphthalene	8.969	142	761794	43.085	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	464171	53.119	ng	99
41) Hexachlorocyclopentadiene	9.022	237	542258	158.562	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	262735	46.006	ng	100

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44) 2,4,5-Trichlorophenol	9.186	196	275390	47.612	ng	99
46) 1,1'-Biphenyl	9.333	154	1119369	51.329	ng	99
47) 2-Chloronaphthalene	9.357	162	755810	46.499	ng	99
48) 2-Nitroaniline	9.451	65	214754	45.631	ng	99
49) Acenaphthylene	9.775	152	1165157	48.305	ng	100
50) Dimethylphthalate	9.633	163	895675	44.564	ng	100
51) 2,6-Dinitrotoluene	9.692	165	194878	46.568	ng	94
52) Acenaphthene	9.945	154	815935	48.135	ng	100
53) 3-Nitroaniline	9.857	138	103816	24.457	ng	100
54) 2,4-Dinitrophenol	9.969	184	127526	55.801	ng	# 48
55) Dibenzofuran	10.116	168	1067059	44.055	ng	99
56) 4-Nitrophenol	10.022	139	273919	85.568	ng	97
57) 2,4-Dinitrotoluene	10.098	165	261243	47.797	ng	97
58) Fluorene	10.463	166	842272	45.093	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	228205	43.358	ng	98
60) Diethylphthalate	10.333	149	875974	43.709	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	438773	45.057	ng	97
62) 4-Nitroaniline	10.475	138	162615	39.349	ng	98
63) Azobenzene	10.610	77	829033	44.494	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	105407	39.302	ng	98
66) n-Nitrosodiphenylamine	10.569	169	710587	48.809	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	276011	48.851	ng	99
68) Hexachlorobenzene	11.010	284	313211	50.544	ng	93
69) Atrazine	11.092	200	268438	60.147	ng	99
70) Pentachlorophenol	11.198	266	308058	80.685	ng	99
71) Phenanthrene	11.422	178	1321815	54.396	ng	100
72) Anthracene	11.475	178	1194884	49.013	ng	100
73) Carbazole	11.627	167	944706	44.933	ng	100
74) Di-n-butylphthalate	11.957	149	1233741	44.224	ng	100
75) Fluoranthene	12.610	202	1334642	51.778	ng	100
77) Benzidine	12.727	184	226922	58.146	ng	100
78) Pyrene	12.839	202	1272063	52.573	ng	99
80) Butylbenzylphthalate	13.457	149	408585	43.144	ng	97
81) Benzo(a)anthracene	14.027	228	985416	53.686	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	148504	27.996	ng	100
83) Chrysene	14.063	228	861906	51.802	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	555814	42.566	ng	100
85) Di-n-octyl phthalate	14.627	149	935501	51.491	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	1081142	50.686	ng	98
88) Benzo(b)fluoranthene	15.080	252	1064459	47.103	ng	100
89) Benzo(k)fluoranthene	15.110	252	936795	48.440	ng	99
90) Benzo(a)pyrene	15.451	252	957883	54.171	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	840086	47.735	ng	99
92) Benzo(g,h,i)perylene	17.456	276	831254	47.797	ng	98

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

