Quantitation Report (QT Reviewed)

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142065.D
Acq On : 24 Mar 2025 20:22
Operator : RC/JU
Sample : Q1626-01MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CO-32-1MS

Quant Time: Mar 24 21:02:29 2025
Quant Method : T:\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	114525	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	389746	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	183781	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	306039	20.000	ng		0.00
76) Chrysene-d12	14.045	240	273085	20.000	ng		0.00
86) Perylene-d12	15.521	264	196549	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	701446	102.221	ng		0.00
7) Phenol-d6	6.504	99	822505	94.141	ng		0.00
23) Nitrobenzene-d5	7.439	82	534938	77.240	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	263746	113.123	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1014501	83.951	ng		-0.01
79) Terphenyl-d14	12.980	244	1277960	69.187	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	136742	47.559	ng		97
3) Pyridine	3.457	79	345008	48.918	ng		98
4) n-Nitrosodimethylamine	3.404	42	171640	51.054	ng		98
6) Aniline	6.540	93	265735	30.832	ng		98
8) 2-Chlorophenol	6.663	128	395082	51.912	ng		97
9) Benzaldehyde	6.428	77	267125	54.668	ng		98
10) Phenol	6.516	94	455397	49.546	ng		99
11) bis(2-Chloroethyl)ether	6.610	93	355195	51.464	ng		97
12) 1,3-Dichlorobenzene	6.816	146	433652	52.779	ng		99
13) 1,4-Dichlorobenzene	6.892	146	442734	53.256	ng		100
14) 1,2-Dichlorobenzene	7.045	146	415384	53.049	ng		98
15) Benzyl Alcohol	7.016	79	334495	47.357	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	371926	44.637	ng		98
17) 2-Methylphenol	7.128	107	293759	48.546	ng		99
18) Hexachloroethane	7.386	117	150183	48.176	ng		96
19) n-Nitroso-di-n-propyla...	7.287	70	249694	44.477	ng		99
20) 3+4-Methylphenols	7.281	107	364026	46.966	ng	#	76
22) Acetophenone	7.287	105	519081	55.615	ng		99
24) Nitrobenzene	7.457	77	381768	55.450	ng		98
25) Isophorone	7.692	82	666235	54.421	ng		100
26) 2-Nitrophenol	7.775	139	184718	54.665	ng		98
27) 2,4-Dimethylphenol	7.810	122	326514	70.174	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	407538	53.076	ng		100
29) 2,4-Dichlorophenol	8.016	162	292175	50.590	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	354978	55.774	ng		99
31) Naphthalene	8.181	128	1061406	53.016	ng		99
32) Benzoic acid	7.910	122	169286	41.390	ng		99
33) 4-Chloroaniline	8.228	127	110025	15.568	ng		98
34) Hexachlorobutadiene	8.292	225	240762	58.006	ng		99
35) Caprolactam	8.586	113	81901	46.514	ng		89
36) 4-Chloro-3-methylphenol	8.704	107	291520	45.250	ng		98
37) 2-Methylnaphthalene	8.869	142	605013	45.211	ng		99
38) 1-Methylnaphthalene	8.969	142	614631	47.596	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	335538	59.967	ng		98
41) Hexachlorocyclopentadiene	9.022	237	88995	40.641	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	208290	56.960	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.186	196	203369	54.911	ng		99
46)	1,1'-Biphenyl	9.333	154	796994	57.075	ng		100
47)	2-Chloronaphthalene	9.357	162	589047	56.596	ng		99
48)	2-Nitroaniline	9.451	65	170156	56.464	ng		99
49)	Acenaphthylene	9.775	152	905043	58.597	ng		100
50)	Dimethylphthalate	9.628	163	726244	56.430	ng		100
51)	2,6-Dinitrotoluene	9.692	165	145269	54.213	ng		94
52)	Acenaphthene	9.945	154	561664	51.747	ng		99
53)	3-Nitroaniline	9.863	138	114321	42.059	ng		95
54)	2,4-Dinitrophenol	9.969	184	23126	20.515	ng	#	57
55)	Dibenzofuran	10.116	168	806473	51.999	ng		99
56)	4-Nitrophenol	10.022	139	230957	112.673	ng		96
57)	2,4-Dinitrotoluene	10.098	165	190759	54.505	ng		96
58)	Fluorene	10.463	166	647274	54.119	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.233	232	178720	53.030	ng		98
60)	Diethylphthalate	10.327	149	686498	53.496	ng		99
61)	4-Chlorophenyl-phenyle...	10.451	204	328761	52.724	ng		98
62)	4-Nitroaniline	10.475	138	126955	47.976	ng		97
63)	Azobenzene	10.610	77	615284	51.571	ng		96
65)	4,6-Dinitro-2-methylph...	10.504	198	20102	11.018	ng		96
66)	n-Nitrosodiphenylamine	10.569	169	538430	54.367	ng		99
67)	4-Bromophenyl-phenylether	10.945	248	204743	53.270	ng		96
68)	Hexachlorobenzene	11.010	284	239684	56.859	ng		95
69)	Atrazine	11.098	200	195449	64.377	ng		98
70)	Pentachlorophenol	11.204	266	317995	122.435	ng		99
71)	Phenanthrene	11.427	178	1223680	74.027	ng		99
72)	Anthracene	11.474	178	1033484	62.318	ng		100
73)	Carbazole	11.627	167	848995	59.361	ng		100
74)	Di-n-butylphthalate	11.957	149	1063166	56.023	ng		99
75)	Fluoranthene	12.616	202	1652559	94.245	ng		99
77)	Benzidine	12.733	184	95209	24.989	ng	#	94
78)	Pyrene	12.845	202	1650947	69.890	ng		99
80)	Butylbenzylphthalate	13.457	149	483816	52.328	ng		100
81)	Benzo(a)anthracene	14.033	228	1304237	72.781	ng		98
82)	3,3'-Dichlorobenzidine	13.992	252	132881	25.660	ng		99
83)	Chrysene	14.068	228	1144339	70.448	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.015	149	757628	59.431	ng		99
85)	Di-n-octyl phthalate	14.627	149	1051613	59.288	ng		97
87)	Indeno(1,2,3-cd)pyrene	17.015	276	733112	57.660	ng	#	95
88)	Benzo(b)fluoranthene	15.086	252	1055801	78.378	ng		98
89)	Benzo(k)fluoranthene	15.115	252	713413	61.886	ng		98
90)	Benzo(a)pyrene	15.457	252	794301	75.359	ng		98
91)	Dibenzo(a,h)anthracene	17.033	278	507392	48.367	ng		99
92)	Benzo(g,h,i)perylene	17.468	276	607171	58.570	ng		96

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

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