Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
Data File : BF141253.D
Acq On : 23 Jan 2025 16:41
Operator : RC/JU
Sample : Q1156-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
281MS

Quant Time: Jan 23 17:04:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	145090	20.000	ng		-0.02
21) Naphthalene-d8	8.087	136	580675	20.000	ng		-0.02
39) Acenaphthene-d10	9.845	164	306989	20.000	ng		-0.02
64) Phenanthrene-d10	11.333	188	496857	20.000	ng		-0.01
76) Chrysene-d12	13.980	240	304446	20.000	ng		0.00
86) Perylene-d12	15.445	264	345869	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1143249	121.724	ng		0.00
7) Phenol-d6	6.440	99	1454510	122.257	ng		0.00
23) Nitrobenzene-d5	7.369	82	930322	84.927	ng		-0.02
42) 2,4,6-Tribromophenol	10.639	330	475603	135.967	ng		-0.01
45) 2-Fluorobiphenyl	9.169	172	1658335	82.490	ng		-0.01
79) Terphenyl-d14	12.922	244	1470650	71.797	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	177963	42.550	ng		97
3) Pyridine	3.334	79	458536	44.707	ng		95
4) n-Nitrosodimethylamine	3.281	42	238185	47.495	ng		97
6) Aniline	6.469	93	308660	29.222	ng	#	90
8) 2-Chlorophenol	6.593	128	531231	52.719	ng		95
9) Benzaldehyde	6.351	77	56102	8.007	ng		95
10) Phenol	6.451	94	641696	50.387	ng		95
11) bis(2-Chloroethyl)ether	6.540	93	476472	50.202	ng		97
12) 1,3-Dichlorobenzene	6.745	146	541444	48.177	ng		99
13) 1,4-Dichlorobenzene	6.822	146	548431	48.426	ng		100
14) 1,2-Dichlorobenzene	6.975	146	528738	50.051	ng		98
15) Benzyl Alcohol	6.945	79	454406	52.888	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.081	45	638371	48.200	ng		95
17) 2-Methylphenol	7.063	107	422145	51.891	ng		98
18) Hexachloroethane	7.316	117	202652	49.482	ng		98
19) n-Nitroso-di-n-propyla...	7.222	70	349108	49.814	ng		96
20) 3+4-Methylphenols	7.210	107	511797	49.866	ng	#	84
22) Acetophenone	7.216	105	677778	49.100	ng		97
24) Nitrobenzene	7.387	77	537679	47.096	ng		99
25) Isophorone	7.628	82	961263	51.348	ng		99
26) 2-Nitrophenol	7.704	139	284237	54.731	ng		99
27) 2,4-Dimethylphenol	7.740	122	427291	60.998	ng		98
28) bis(2-Chloroethoxy)met...	7.840	93	580904	49.444	ng		100
29) 2,4-Dichlorophenol	7.945	162	434194	52.189	ng		99
30) 1,2,4-Trichlorobenzene	8.028	180	454010	47.742	ng		99
31) Naphthalene	8.110	128	1513953	49.439	ng		100
32) Benzoic acid	7.863	122	356128m	52.997	ng		
33) 4-Chloroaniline	8.157	127	163448	15.434	ng		99
34) Hexachlorobutadiene	8.228	225	279583	48.792	ng		100
35) Caprolactam	8.528	113	140545m	51.599	ng		
36) 4-Chloro-3-methylphenol	8.645	107	476500	52.370	ng		99
37) 2-Methylnaphthalene	8.804	142	996244	51.054	ng		99
38) 1-Methylnaphthalene	8.904	142	927989	48.254	ng		100
40) 1,2,4,5-Tetrachloroben...	8.969	216	466479	52.942	ng		99
41) Hexachlorocyclopentadiene	8.957	237	456290	158.285	ng		99
43) 2,4,6-Trichlorophenol	9.081	196	329229	55.401	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	318751	50.788	ng	98
46) 1,1'-Biphenyl	9.269	154	1222614	51.282	ng	99
47) 2-Chloronaphthalene	9.292	162	926015	49.869	ng	99
48) 2-Nitroaniline	9.386	65	291591	52.974	ng	99
49) Acenaphthylene	9.710	152	1453791	54.799	ng	100
50) Dimethylphthalate	9.575	163	1099191	53.334	ng	100
51) 2,6-Dinitrotoluene	9.634	165	248078	51.762	ng	99
52) Acenaphthene	9.881	154	1069739	57.715	ng	99
53) 3-Nitroaniline	9.798	138	154535	31.730	ng	99
54) 2,4-Dinitrophenol	9.910	184	264589	116.148	ng	96
55) Dibenzofuran	10.051	168	1306652	51.829	ng	99
56) 4-Nitrophenol	9.963	139	408858	107.192	ng	96
57) 2,4-Dinitrotoluene	10.039	165	336474	54.477	ng	97
58) Fluorene	10.398	166	1013578	51.749	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	282252	54.104	ng	99
60) Diethylphthalate	10.275	149	1060704	52.719	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	489635	51.291	ng	97
62) 4-Nitroaniline	10.416	138	241852	50.737	ng	98
63) Azobenzene	10.551	77	1171771	59.023	ng	93
65) 4,6-Dinitro-2-methylph...	10.445	198	179078	62.198	ng	96
66) n-Nitrosodiphenylamine	10.510	169	884185	55.172	ng	98
67) 4-Bromophenyl-phenylether	10.881	248	323066	56.477	ng	98
68) Hexachlorobenzene	10.945	284	350304	55.012	ng	97
69) Atrazine	11.039	200	298228	69.113	ng	99
70) Pentachlorophenol	11.139	266	422871	103.697	ng	99
71) Phenanthrene	11.357	178	1496565	56.104	ng	100
72) Anthracene	11.410	178	1486707	57.320	ng	100
73) Carbazole	11.569	167	1234100	51.891	ng	100
74) Di-n-butylphthalate	11.898	149	1514247	55.636	ng	100
75) Fluoranthene	12.551	202	2226607	83.648	ng	99
77) Benzidine	12.669	184	357790	63.373	ng	99
78) Pyrene	12.780	202	2148324	73.880	ng	99
80) Butylbenzylphthalate	13.398	149	508935	52.495	ng	97
81) Benzo(a)anthracene	13.969	228	1414433	68.266	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	222449	33.718	ng	99
83) Chrysene	14.010	228	1351394	69.707	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	621180	53.400	ng	99
85) Di-n-octyl phthalate	14.586	149	1112279	63.320	ng	98
87) Indeno(1,2,3-cd)pyrene	16.904	276	1179803	46.560	ng	98
88) Benzo(b)fluoranthene	15.021	252	1410623	63.249	ng	100
89) Benzo(k)fluoranthene	15.051	252	1073422	56.952	ng	100
90) Benzo(a)pyrene	15.386	252	1182004	64.236	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	942045	45.965	ng	98
92) Benzo(g,h,i)perylene	17.339	276	853512	40.038	ng	98

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

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