Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010825\
Data File : BF141084.D
Acq On : 08 Jan 2025 15:26
Operator : RC/JU
Sample : Q1023-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HT2651MS

Quant Time: Jan 08 15:46:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	199992	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	780303	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	407725	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	673555	20.000	ng		0.00
76) Chrysene-d12	13.998	240	387687	20.000	ng		0.01
86) Perylene-d12	15.474	264	449873	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1887640	142.275	ng		0.04
7) Phenol-d6	6.463	99	2181754	127.652	ng		0.01
23) Nitrobenzene-d5	7.392	82	1500691	123.043	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	723555	182.629	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	2617065	102.265	ng		0.00
79) Terphenyl-d14	12.933	244	2329777	99.816	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	274766	45.744	ng	#	83
3) Pyridine	3.469	79	604784	41.200	ng		97
4) n-Nitrosodimethylamine	3.398	42	374302	50.325	ng		98
6) Aniline	6.569	93	715105	46.913	ng	#	53
8) 2-Chlorophenol	6.616	128	761799	54.460	ng		96
9) Benzaldehyde	6.381	77	131188	9.362	ng		96
10) Phenol	6.475	94	846805	47.915	ng		97
11) bis(2-Chloroethyl)ether	6.569	93	715105	50.113	ng		97
12) 1,3-Dichlorobenzene	6.775	146	789471	51.140	ng		99
13) 1,4-Dichlorobenzene	6.851	146	791287	50.847	ng		99
14) 1,2-Dichlorobenzene	6.998	146	764234	52.670	ng		99
15) Benzyl Alcohol	6.975	79	685036	55.776	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1081303	50.106	ng		93
17) 2-Methylphenol	7.086	107	627066	53.960	ng		98
18) Hexachloroethane	7.345	117	298142	53.931	ng		99
19) n-Nitroso-di-n-propyla...	7.251	70	554562	52.963	ng		97
20) 3+4-Methylphenols	7.239	107	731773	49.760	ng	#	74
22) Acetophenone	7.239	105	991559	51.800	ng	#	95
24) Nitrobenzene	7.416	77	811765	59.565	ng		96
25) Isophorone	7.657	82	1456166	54.867	ng		99
26) 2-Nitrophenol	7.728	139	414325	71.293	ng		98
27) 2,4-Dimethylphenol	7.763	122	622181	64.145	ng		99
28) bis(2-Chloroethoxy)met...	7.863	93	889843	52.918	ng		100
29) 2,4-Dichlorophenol	7.969	162	635210	57.742	ng		99
30) 1,2,4-Trichlorobenzene	8.051	180	650920	52.278	ng		99
31) Naphthalene	8.133	128	2156628	52.451	ng		100
32) Benzoic acid	7.898	122	533268	63.793	ng		96
33) 4-Chloroaniline	8.204	127	48350m	3.250	ng		
34) Hexachlorobutadiene	8.251	225	397971	54.217	ng		100
35) Caprolactam	8.581	113	193459m	51.730	ng		
36) 4-Chloro-3-methylphenol	8.657	107	678859	55.567	ng		99
37) 2-Methylnaphthalene	8.822	142	1411351	53.655	ng		99
38) 1-Methylnaphthalene	8.922	142	1323793	51.208	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	628080	55.994	ng		98
41) Hexachlorocyclopentadiene	8.975	237	767447	206.459	ng		99
43) 2,4,6-Trichlorophenol	9.098	196	439766	58.906	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	477697	62.537	ng		99
46) 1,1'-Biphenyl	9.286	154	1745391	55.907	ng		99
47) 2-Chloronaphthalene	9.310	162	1319689	54.504	ng		100
48) 2-Nitroaniline	9.404	65	396836	61.232	ng		96
49) Acenaphthylene	9.727	152	2004309	57.504	ng		100
50) Dimethylphthalate	9.592	163	1538347	57.361	ng		100
51) 2,6-Dinitrotoluene	9.651	165	355718	63.742	ng		95
52) Acenaphthene	9.898	154	1532871	65.052	ng		100
53) 3-Nitroaniline	9.816	138	87081	16.910	ng	#	91
54) 2,4-Dinitrophenol	9.922	184	427405	143.625	ng	#	1
55) Dibenzofuran	10.075	168	1852681	55.946	ng		99
56) 4-Nitrophenol	9.980	139	537285	117.118	ng		97
57) 2,4-Dinitrotoluene	10.051	165	470810	68.251	ng		95
58) Fluorene	10.416	166	1359380	52.937	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	407218	64.369	ng		97
60) Diethylphthalate	10.292	149	1491222	56.323	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	671964	54.382	ng		99
62) 4-Nitroaniline	10.427	138	101079	19.171	ng		95
63) Azobenzene	10.569	77	1462801	52.637	ng		98
65) 4,6-Dinitro-2-methylph...	10.457	198	266649	89.307	ng		95
66) n-Nitrosodiphenylamine	10.527	169	1215450	57.305	ng		100
67) 4-Bromophenyl-phenylether	10.898	248	451086	61.952	ng		97
68) Hexachlorobenzene	10.963	284	500022	62.279	ng		97
69) Atrazine	11.063	200	358929	60.574	ng		99
70) Pentachlorophenol	11.157	266	623724	124.776	ng		98
71) Phenanthrene	11.374	178	2056928	58.024	ng		100
72) Anthracene	11.427	178	2066735	59.498	ng		100
73) Carbazole	11.580	167	1618831	48.479	ng		100
74) Di-n-butylphthalate	11.916	149	2106415	55.460	ng		100
75) Fluoranthene	12.563	202	1914542	49.796	ng		98
78) Pyrene	12.792	202	1914719	56.471	ng		99
80) Butylbenzylphthalate	13.415	149	696937	56.291	ng		99
81) Benzo(a)anthracene	13.986	228	1433111	53.040	ng		99
83) Chrysene	14.021	228	1357829	55.746	ng		100
84) Bis(2-ethylhexyl)phtha...	13.980	149	869721	54.155	ng		100
85) Di-n-octyl phthalate	14.615	149	1578017	67.889	ng		97
87) Indeno(1,2,3-cd)pyrene	16.945	276	1872116	66.052	ng		97
88) Benzo(b)fluoranthene	15.051	252	1495665	47.669	ng		99
89) Benzo(k)fluoranthene	15.080	252	1482949	60.304	ng		99
90) Benzo(a)pyrene	15.415	252	1448666	59.485	ng		99
91) Dibenzo(a,h)anthracene	16.962	278	1512593	65.836	ng		98
92) Benzo(g,h,i)perylene	17.386	276	1366659	57.352	ng		98

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

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