Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011025\
Data File : BF141119.D
Acq On : 10 Jan 2025 17:45
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 10 22:24:28 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 22:16:11 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/13/2025
Supervised By :Jagrut Upadhyay 01/13/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	172282	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	648826	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	342460	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	584387	20.000	ng		0.00
76) Chrysene-d12	13.992	240	310879	20.000	ng		0.00
86) Perylene-d12	15.451	264	395988	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1544552	138.495	ng		0.00
7) Phenol-d6	6.457	99	2004230	141.874	ng		0.01
23) Nitrobenzene-d5	7.392	82	1813409	148.154	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	601438	154.132	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	2997639	133.666	ng		0.00
79) Terphenyl-d14	12.933	244	2895506	138.433	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.540	88	361586	72.808	ng		100
3) Pyridine	3.287	79	855609	70.255	ng		99
4) n-Nitrosodimethylamine	3.252	42	443709	74.512	ng		99
6) Aniline	6.487	93	842164m	67.145	ng		
8) 2-Chlorophenol	6.610	128	844417	70.573	ng		99
10) Phenol	6.469	94	1067075	70.563	ng		93
11) bis(2-Chloroethyl)ether	6.563	93	811905	72.042	ng		98
12) 1,3-Dichlorobenzene	6.763	146	945224	70.831	ng		99
13) 1,4-Dichlorobenzene	6.840	146	944179	70.211	ng		99
14) 1,2-Dichlorobenzene	6.998	146	854029	68.083	ng		98
15) Benzyl Alcohol	6.969	79	722113	70.781	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1129914	71.848	ng		98
17) 2-Methylphenol	7.075	107	707657	73.257	ng		99
18) Hexachloroethane	7.334	117	349146	71.795	ng		98
19) n-Nitroso-di-n-propyla...	7.245	70	588783	70.753	ng		98
20) 3+4-Methylphenols	7.234	107	813265	66.732	ng	#	83
22) Acetophenone	7.239	105	1083059	70.218	ng	#	98
24) Nitrobenzene	7.410	77	943483	73.960	ng		99
25) Isophorone	7.651	82	1571424	75.124	ng		99
26) 2-Nitrophenol	7.722	139	463267	79.834	ng		98
27) 2,4-Dimethylphenol	7.757	122	594544	75.959	ng		98
28) bis(2-Chloroethoxy)met...	7.857	93	977334	74.449	ng		100
29) 2,4-Dichlorophenol	7.963	162	689420	74.162	ng		100
30) 1,2,4-Trichlorobenzene	8.045	180	776721	73.098	ng		100
31) Naphthalene	8.128	128	2411578	70.480	ng		99
32) Benzoic acid	7.898	122	648810	86.411	ng		98
33) 4-Chloroaniline	8.187	127	860135	72.688	ng		100
34) Hexachlorobutadiene	8.245	225	467194	72.969	ng		99
35) Caprolactam	8.569	113	236127	77.436	ng		98
36) 4-Chloro-3-methylphenol	8.657	107	760692	74.822	ng		99
37) 2-Methylnaphthalene	8.816	142	1544153	70.820	ng		99
38) 1-Methylnaphthalene	8.916	142	1507881	70.172	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	712407	72.478	ng		100
41) Hexachlorocyclopentadiene	8.969	237	249944	77.724	ng		100
43) 2,4,6-Trichlorophenol	9.092	196	516551	77.920	ng		98
44) 2,4,5-Trichlorophenol	9.133	196	516966	73.839	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.286	154	1854615	69.734	ng	99
47) 2-Chloronaphthalene	9.310	162	1478014	71.352	ng	99
48) 2-Nitroaniline	9.404	65	475269	77.400	ng	98
49) Acenaphthylene	9.728	152	2110029	71.297	ng	99
50) Dimethylphthalate	9.592	163	1688321	73.435	ng	100
51) 2,6-Dinitrotoluene	9.651	165	403325	75.439	ng	98
52) Acenaphthene	9.898	154	1487806	71.956	ng	99
53) 3-Nitroaniline	9.816	138	404031	74.366	ng	100
54) 2,4-Dinitrophenol	9.922	184	233623	91.933	ng	96
55) Dibenzofuran	10.069	168	1972541	70.137	ng	99
56) 4-Nitrophenol	9.969	139	339082	79.690	ng	98
57) 2,4-Dinitrotoluene	10.051	165	533647	77.452	ng	98
58) Fluorene	10.410	166	1493903	68.372	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	428499	73.631	ng	99
60) Diethylphthalate	10.286	149	1624226	72.366	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	739051	69.400	ng	98
62) 4-Nitroaniline	10.433	138	404093	75.992	ng	97
63) Azobenzene	10.563	77	1597886	72.150	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	299726	88.510	ng	98
66) n-Nitrosodiphenylamine	10.522	169	1340718	71.129	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	502690	74.715	ng	100
68) Hexachlorobenzene	10.957	284	557705	74.464	ng	100
69) Atrazine	11.051	200	322778	63.598	ng	100
70) Pentachlorophenol	11.151	266	373762	77.927	ng	99
71) Phenanthrene	11.375	178	2186474	69.691	ng	100
72) Anthracene	11.427	178	2122167	69.565	ng	99
73) Carbazole	11.580	167	1946776	69.597	ng	99
74) Di-n-butylphthalate	11.910	149	2240405	69.986	ng	99
75) Fluoranthene	12.563	202	2156966	68.895	ng	99
77) Benzidine	12.680	184	535121	92.821	ng	99
78) Pyrene	12.792	202	2138910	72.034	ng	99
80) Butylbenzylphthalate	13.410	149	775127	78.297	ng	99
81) Benzo(a)anthracene	13.980	228	1574387	74.414	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	557682	82.781	ng	100
83) Chrysene	14.016	228	1492065	75.370	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	885991	74.589	ng	99
85) Di-n-octyl phthalate	14.598	149	1604851	89.471	ng	100
87) Indeno(1,2,3-cd)pyrene	16.921	276	2176761	75.032	ng	100
88) Benzo(b)fluoranthene	15.033	252	1830448	71.685	ng	100
89) Benzo(k)fluoranthene	15.063	252	1701343	78.843	ng	99
90) Benzo(a)pyrene	15.398	252	1594959	75.707	ng	100
91) Dibenzo(a,h)anthracene	16.945	278	1723136	73.436	ng	99
92) Benzo(g,h,i)perylene	17.368	276	1664293	68.190	ng	99

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

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