Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
Data File : BF142206.D
Acq On : 21 Apr 2025 14:30
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Apr 22 02:04:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 22 01:58:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	626268	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	2192176	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	1205298	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	1905521	20.000	ng		0.00
76) Chrysene-d12	14.033	240	1232558	20.000	ng		0.00
86) Perylene-d12	15.504	264	1521000	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	4811541	144.042	ng		0.00
7) Phenol-d6	6.504	99	5967824	142.657	ng		0.01
23) Nitrobenzene-d5	7.440	82	5201313	149.010	ng		0.01
42) 2,4,6-Tribromophenol	10.698	330	2607461	158.224	ng		0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	0.000	244	0d	0.000	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	1010355	74.515	ng		98
3) Pyridine	3.381	79	2219551	75.418	ng		100
4) n-Nitrosodimethylamine	3.352	42	929684	77.799	ng	#	93
6) Aniline	6.534	93	2679741	69.374	ng	#	85
8) 2-Chlorophenol	6.657	128	2749885	71.918	ng		98
9) Benzaldehyde	6.422	77	1337713	58.243	ng		99
10) Phenol	6.516	94	3153759	71.475	ng		92
11) bis(2-Chloroethyl)ether	6.610	93	2504005	75.253	ng		97
12) 1,3-Dichlorobenzene	6.810	146	3066791	70.780	ng		98
13) 1,4-Dichlorobenzene	6.887	146	3108180	69.943	ng		99
14) 1,2-Dichlorobenzene	7.040	146	2861632	69.219	ng		98
15) Benzyl Alcohol	7.010	79	2255290	73.939	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	2292644	71.084	ng		97
17) 2-Methylphenol	7.122	107	2227121	77.391	ng		99
18) Hexachloroethane	7.381	117	1106539	73.297	ng		95
19) n-Nitroso-di-n-propyla...	7.292	70	1694554	71.633	ng		97
20) 3+4-Methylphenols	7.281	107	2466965	68.928	ng		94
22) Acetophenone	7.281	105	3469345	72.100	ng	#	95
24) Nitrobenzene	7.457	77	2609835	75.470	ng		97
25) Isophorone	7.692	82	4527162	77.265	ng		99
26) 2-Nitrophenol	7.769	139	1568490	86.288	ng		99
27) 2,4-Dimethylphenol	7.804	122	1883854	79.706	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	2883449	74.982	ng		99
29) 2,4-Dichlorophenol	8.010	162	2494071	77.588	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	2786092	74.116	ng		99
31) Naphthalene	8.175	128	6585676	63.596	ng	#	93
32) Benzoic acid	7.957	122	1869957	80.210	ng		99
33) 4-Chloroaniline	8.228	127	2879228	76.787	ng		99
34) Hexachlorobutadiene	8.287	225	1883512	75.925	ng		99
35) Caprolactam	8.610	113	693788	80.907	ng		98
36) 4-Chloro-3-methylphenol	8.704	107	2510357	77.580	ng		98
37) 2-Methylnaphthalene	8.863	142	4881347	68.205	ng		99
38) 1-Methylnaphthalene	8.963	142	4766389	68.785	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	2944962	74.675	ng		99
41) Hexachlorocyclopentadiene	9.010	237	1116208	92.301	ng		100
43) 2,4,6-Trichlorophenol	9.139	196	1872804	81.340	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	2032523	82.357	ng	99
46) 1,1'-Biphenyl	9.328	154	5733908	66.342	ng	93
47) 2-Chloronaphthalene	9.351	162	4689307	69.899	ng	94
48) 2-Nitroaniline	9.451	65	1246853	79.289	ng	98
49) Acenaphthylene	9.769	152	6311627	66.561	ng	93
50) Dimethylphthalate	9.633	163	5671409	73.388	ng	98
51) 2,6-Dinitrotoluene	9.692	165	1349897	77.803	ng	99
52) Acenaphthene	9.939	154	4925202	72.077	ng	97
53) 3-Nitroaniline	9.863	138	1320524	79.432	ng	97
54) 2,4-Dinitrophenol	9.969	184	768668	90.455	ng	97
55) Dibenzofuran	10.110	168	6183046	64.543	ng	91
56) 4-Nitrophenol	10.022	139	988778	81.309	ng	97
57) 2,4-Dinitrotoluene	10.098	165	1712013	76.397	ng	98
58) Fluorene	10.457	166	4986748	67.293	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	1777715	80.571	ng	98
60) Diethylphthalate	10.328	149	4994993	69.219	ng	95
61) 4-Chlorophenyl-phenyle...	10.445	204	2930042	71.809	ng	99
62) 4-Nitroaniline	10.480	138	1184269	74.946	ng	99
63) Azobenzene	10.604	77	4294353	68.342	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	995551	89.504	ng	98
66) n-Nitrosodiphenylamine	10.569	169	4382839	75.047	ng	97
67) 4-Bromophenyl-phenylether	10.933	248	2027719	80.915	ng	99
68) Hexachlorobenzene	11.004	284	2336851	78.360	ng	98
70) Pentachlorophenol	11.192	266	1410593	92.720	ng	99
71) Phenanthrene	11.416	178	6262872	66.185	ng	93
72) Anthracene	11.469	178	6329668	66.899	ng	92
73) Carbazole	11.622	167	5597174	67.714	ng	95
74) Di-n-butylphthalate	11.951	149	5789320	67.669	ng	96
75) Fluoranthene	12.604	202	6209391	63.129	ng	94
77) Benzidine	12.727	184	1199999	75.444	ng	99
78) Pyrene	12.833	202	6189539	63.228	ng	94
80) Butylbenzylphthalate	13.445	149	2163691	91.317	ng	98
81) Benzo(a)anthracene	14.021	228	5515775	73.885	ng	95
82) 3,3'-Dichlorobenzidine	13.986	252	1900009	85.468	ng	99
83) Chrysene	14.063	228	5299728	73.681	ng	94
84) Bis(2-ethylhexyl)phtha...	14.004	149	3064585	96.680	ng	98
85) Di-n-octyl phthalate	14.621	149	5211413	92.825	ng	99
87) Indeno(1,2,3-cd)pyrene	17.004	276	8464335	79.317	ng	99
88) Benzo(b)fluoranthene	15.074	252	6876106	80.580	ng	96
89) Benzo(k)fluoranthene	15.104	252	5611620	66.492	ng	96
90) Benzo(a)pyrene	15.445	252	5882159	77.024	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	6823194	78.381	ng	99
92) Benzo(g,h,i)perylene	17.457	276	7164373	79.016	ng	99

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

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