Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042325\
Data File : BF142224.D
Acq On : 23 Apr 2025 14:11
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Apr 23 14:40:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 23 14:31:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	428308	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	1545910	20.000	ng		0.00
39) Acenaphthene-d10	9.898	164	859142	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	1465733	20.000	ng		0.00
76) Chrysene-d12	14.027	240	877355	20.000	ng		0.00
86) Perylene-d12	15.492	264	1082484	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	3678808	146.381	ng		0.00
7) Phenol-d6	6.504	99	4476676	145.338	ng		0.01
23) Nitrobenzene-d5	7.434	82	3917119	150.969	ng		0.01
42) 2,4,6-Tribromophenol	10.692	330	1973809	163.897	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	6991357	130.945	ng		0.00
79) Terphenyl-d14	12.969	244	7054778	130.688	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.604	88	795095	78.722	ng		99
3) Pyridine	3.375	79	1877519	77.683	ng		98
4) n-Nitrosodimethylamine	3.340	42	780657	80.182	ng		100
6) Aniline	6.528	93	1933297	69.719	ng	#	74
8) 2-Chlorophenol	6.651	128	2023949	73.617	ng		99
9) Benzaldehyde	6.416	77	984259	58.777	ng		98
10) Phenol	6.516	94	2344109	72.536	ng		90
11) bis(2-Chloroethyl)ether	6.604	93	1745352	74.687	ng		98
12) 1,3-Dichlorobenzene	6.804	146	2239612	73.898	ng		98
13) 1,4-Dichlorobenzene	6.881	146	2265161	73.658	ng		99
14) 1,2-Dichlorobenzene	7.039	146	2083107	72.281	ng		99
15) Benzyl Alcohol	7.010	79	1701542	75.692	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1628180	70.069	ng		91
17) 2-Methylphenol	7.122	107	1572060	75.101	ng		97
18) Hexachloroethane	7.375	117	797274	74.294	ng		100
19) n-Nitroso-di-n-propyla...	7.287	70	1237082	72.448	ng		99
20) 3+4-Methylphenols	7.275	107	1904889	72.370	ng		92
22) Acetophenone	7.275	105	2622308	73.325	ng	#	96
24) Nitrobenzene	7.451	77	1939383	75.663	ng		99
25) Isophorone	7.686	82	3314254	77.903	ng		99
26) 2-Nitrophenol	7.763	139	1131689	80.397	ng		98
27) 2,4-Dimethylphenol	7.798	122	1272688	77.803	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	2077401	75.704	ng		99
29) 2,4-Dichlorophenol	8.004	162	1789605	77.658	ng		100
30) 1,2,4-Trichlorobenzene	8.086	180	1990333	76.549	ng		100
31) Naphthalene	8.169	128	5192063	68.332	ng		96
32) Benzoic acid	7.951	122	1377969	93.030	ng		100
33) 4-Chloroaniline	8.222	127	2006197	74.975	ng		99
34) Hexachlorobutadiene	8.281	225	1321462	77.102	ng		100
35) Caprolactam	8.604	113	527875	77.996	ng		99
36) 4-Chloro-3-methylphenol	8.704	107	1864381	77.825	ng		97
37) 2-Methylnaphthalene	8.857	142	3739214	73.336	ng		99
38) 1-Methylnaphthalene	8.957	142	3598065	72.431	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	2132438	77.845	ng		99
41) Hexachlorocyclopentadiene	9.010	237	713235	79.680	ng		97
43) 2,4,6-Trichlorophenol	9.133	196	1351670	81.562	ng		99

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44) 2,4,5-Trichlorophenol	9.181	196	1455869	81.927	ng	99
46) 1,1'-Biphenyl	9.322	154	4554772	71.996	ng	97
47) 2-Chloronaphthalene	9.351	162	3590064	74.006	ng	97
48) 2-Nitroaniline	9.445	65	1010292	80.468	ng	98
49) Acenaphthylene	9.763	152	4989024	70.904	ng	97
50) Dimethylphthalate	9.628	163	4378849	75.896	ng	99
51) 2,6-Dinitrotoluene	9.686	165	1021833	79.536	ng	98
52) Acenaphthene	9.933	154	3850690	76.567	ng	99
53) 3-Nitroaniline	9.857	138	1011763	80.462	ng	98
54) 2,4-Dinitrophenol	9.963	184	642653	92.349	ng	99
55) Dibenzofuran	10.110	168	4982432	70.276	ng	94
56) 4-Nitrophenol	10.022	139	754388	82.355	ng	98
57) 2,4-Dinitrotoluene	10.092	165	1344741	78.115	ng	98
58) Fluorene	10.451	166	4036701	72.619	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	1327625	82.343	ng	100
60) Diethylphthalate	10.322	149	4100071	74.307	ng	97
61) 4-Chlorophenyl-phenyle...	10.439	204	2254954	76.621	ng	97
62) 4-Nitroaniline	10.475	138	941469	75.690	ng	99
63) Azobenzene	10.598	77	3497396	73.078	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	829110	84.803	ng	98
66) n-Nitrosodiphenylamine	10.563	169	3475669	77.177	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	1494309	81.226	ng	98
68) Hexachlorobenzene	10.998	284	1760831	80.621	ng	99
70) Pentachlorophenol	11.192	266	1055111	88.601	ng	99
71) Phenanthrene	11.410	178	5333285	70.423	ng	96
72) Anthracene	11.463	178	5286795	69.804	ng	96
73) Carbazole	11.616	167	4558146	69.311	ng	98
74) Di-n-butylphthalate	11.945	149	5091256	68.130	ng	98
75) Fluoranthene	12.598	202	5188311	65.746	ng	97
77) Benzidine	12.721	184	1067518	81.510	ng	99
78) Pyrene	12.827	202	5129000	70.026	ng	97
80) Butylbenzylphthalate	13.439	149	1658993	78.231	ng	98
81) Benzo(a)anthracene	14.015	228	4229588	76.171	ng	98
82) 3,3'-Dichlorobenzidine	13.980	252	1469931	86.864	ng	97
83) Chrysene	14.051	228	3950140	77.053	ng	98
84) Bis(2-ethylhexyl)phtha...	13.998	149	2150588	84.937	ng	100
85) Di-n-octyl phthalate	14.610	149	3745021	86.180	ng	100
87) Indeno(1,2,3-cd)pyrene	16.986	276	6081441	78.427	ng	99
88) Benzo(b)fluoranthene	15.068	252	4739885	75.651	ng	98
89) Benzo(k)fluoranthene	15.098	252	4474100	76.888	ng	98
90) Benzo(a)pyrene	15.433	252	4331199	78.331	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	4934894	77.712	ng	99
92) Benzo(g,h,i)perylene	17.439	276	5048097	76.608	ng	99

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

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