Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010225\
Data File : BF141058.D
Acq On : 02 Jan 2025 09:59
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 02 10:33:53 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	6.828	152	139477	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	551959	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	302626	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	548289	20.000	ng		0.00
76) Chrysene-d12	13.986	240	444359	20.000	ng		0.00
86) Perylene-d12	15.445	264	410258	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	724745	78.326	ng		-0.01
7) Phenol-d6	6.446	99	904347	75.869	ng		0.00
23) Nitrobenzene-d5	7.387	82	803536	93.138	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	272481	92.661	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1539761	81.064	ng		0.00
79) Terphenyl-d14	12.933	244	1881988	70.348	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.463	88	154607	36.907	ng		98
3) Pyridine	3.216	79	389948m	38.090	ng		
4) n-Nitrosodimethylamine	3.152	42	189382m	36.510	ng		
6) Aniline	6.487	93	417357	39.259	ng		99
8) 2-Chlorophenol	6.604	128	386934	39.663	ng		100
9) Benzaldehyde	6.375	77	254341	44.599	ng		97
10) Phenol	6.457	94	495378	40.192	ng		100
11) bis(2-Chloroethyl)ether	6.557	93	366026	36.779	ng		100
12) 1,3-Dichlorobenzene	6.769	146	428056	39.759	ng		98
13) 1,4-Dichlorobenzene	6.845	146	430749	39.688	ng		99
14) 1,2-Dichlorobenzene	6.998	146	404181	39.942	ng		98
15) Benzyl Alcohol	6.963	79	327783	38.267	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	551896	36.670	ng		100
17) 2-Methylphenol	7.069	107	310190	38.273	ng		99
18) Hexachloroethane	7.340	117	155849	40.423	ng		97
19) n-Nitroso-di-n-propyla...	7.234	70	269402	36.892	ng		98
20) 3+4-Methylphenols	7.228	107	403407	39.333	ng	#	82
22) Acetophenone	7.234	105	526575	38.889	ng		99
24) Nitrobenzene	7.404	77	420173	43.586	ng		97
25) Isophorone	7.645	82	701233	37.352	ng		100
26) 2-Nitrophenol	7.722	139	185990	47.180	ng		99
27) 2,4-Dimethylphenol	7.757	122	259389	37.805	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	456041	38.340	ng		99
29) 2,4-Dichlorophenol	7.963	162	310548	39.908	ng		99
30) 1,2,4-Trichlorobenzene	8.051	180	354659	40.268	ng		99
31) Naphthalene	8.134	128	1152883	39.639	ng		99
32) Benzoic acid	7.840	122	251669	45.121	ng		96
33) 4-Chloroaniline	8.175	127	407077	38.688	ng		99
34) Hexachlorobutadiene	8.251	225	208559	40.167	ng		100
35) Caprolactam	8.528	113	106478	40.250	ng		93
36) 4-Chloro-3-methylphenol	8.645	107	340790	39.435	ng		100
37) 2-Methylnaphthalene	8.816	142	740622	39.804	ng		99
38) 1-Methylnaphthalene	8.916	142	729466	39.891	ng		100
40) 1,2,4,5-Tetrachloroben...	8.981	216	332951	39.991	ng		99
41) Hexachlorocyclopentadiene	8.975	237	110041	39.884	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	223396	40.316	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	240116	42.351	ng		98
46) 1,1'-Biphenyl	9.281	154	921884	39.785	ng		99
47) 2-Chloronaphthalene	9.304	162	706831	39.331	ng		99
48) 2-Nitroaniline	9.398	65	209924	44.975	ng		95
49) Acenaphthylene	9.722	152	1025201	39.628	ng		99
50) Dimethylphthalate	9.581	163	802226	40.301	ng		100
51) 2,6-Dinitrotoluene	9.639	165	183648	45.450	ng		96
52) Acenaphthene	9.892	154	713552	40.798	ng		99
53) 3-Nitroaniline	9.810	138	198180	45.102	ng	#	91
54) 2,4-Dinitrophenol	9.910	184	75287	55.406	ng	#	5
55) Dibenzofuran	10.063	168	986998	40.156	ng		98
56) 4-Nitrophenol	9.957	139	160800	47.224	ng		94
57) 2,4-Dinitrotoluene	10.039	165	241259	48.514	ng		95
58) Fluorene	10.410	166	769016	40.347	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	202072	43.035	ng		97
60) Diethylphthalate	10.281	149	791040	40.253	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	376723	41.077	ng		96
62) 4-Nitroaniline	10.416	138	200835	45.709	ng		93
63) Azobenzene	10.563	77	791889	38.391	ng		98
65) 4,6-Dinitro-2-methylph...	10.445	198	113688	51.226	ng		96
66) n-Nitrosodiphenylamine	10.516	169	672299	38.939	ng		100
67) 4-Bromophenyl-phenylether	10.892	248	242351	40.889	ng		96
68) Hexachlorobenzene	10.957	284	264106	40.411	ng		97
69) Atrazine	11.039	200	160516	33.278	ng		99
70) Pentachlorophenol	11.145	266	181892	44.701	ng		100
71) Phenanthrene	11.369	178	1152971	39.955	ng		99
72) Anthracene	11.422	178	1135878	40.171	ng		99
73) Carbazole	11.575	167	1074420	39.526	ng		99
74) Di-n-butylphthalate	11.910	149	1249068	40.400	ng		99
75) Fluoranthene	12.557	202	1288522	41.171	ng		98
77) Benzidine	12.680	184	394771	42.037	ng		100
78) Pyrene	12.786	202	1321214	33.997	ng		99
80) Butylbenzylphthalate	13.410	149	531261	37.437	ng		99
81) Benzo(a)anthracene	13.974	228	1164755	37.610	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	402260	43.232	ng		99
83) Chrysene	14.010	228	1109916	39.757	ng		99
84) Bis(2-ethylhexyl)phtha...	13.969	149	718354	39.025	ng		99
85) Di-n-octyl phthalate	14.592	149	1216448	45.659	ng		98
87) Indeno(1,2,3-cd)pyrene	16.898	276	923708	35.737	ng		98
88) Benzo(b)fluoranthene	15.021	252	1204923	42.111	ng		99
89) Benzo(k)fluoranthene	15.051	252	878172	39.159	ng		99
90) Benzo(a)pyrene	15.380	252	877130	39.495	ng		99
91) Dibenzo(a,h)anthracene	16.915	278	760324	36.289	ng		98
92) Benzo(g,h,i)perylene	17.333	276	758035	34.883	ng		98

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

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