Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100124\
Data File : BF139585.D
Acq On : 01 Oct 2024 14:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Oct 02 04:37:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:31:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	100558	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	386942	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	229563	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	450249	20.000	ng		0.00
76) Chrysene-d12	14.033	240	316343	20.000	ng		0.00
86) Perylene-d12	15.504	264	252226	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	64603	10.481	ng		0.00
7) Phenol-d6	6.492	99	86447	10.685	ng		-0.01
23) Nitrobenzene-d5	7.428	82	81260	9.873	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	24367	9.970	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	177599	10.850	ng		0.00
79) Terphenyl-d14	12.974	244	205040	10.639	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	13144	5.315	ng		97
3) Pyridine	3.404	79	32816	6.018	ng		98
4) n-Nitrosodimethylamine	3.334	42	20617	4.362	ng	#	99
6) Aniline	6.528	93	39271	6.432	ng	#	86
8) 2-Chlorophenol	6.651	128	33329	5.253	ng		99
9) Benzaldehyde	6.416	77	25338	5.420	ng		100
10) Phenol	6.504	94	45199	5.485	ng		95
11) bis(2-Chloroethyl)ether	6.598	93	34080	5.441	ng		98
12) 1,3-Dichlorobenzene	6.810	146	38379	5.318	ng		99
13) 1,4-Dichlorobenzene	6.886	146	40011	5.487	ng		96
14) 1,2-Dichlorobenzene	7.039	146	36932	5.360	ng		100
15) Benzyl Alcohol	7.004	79	31139	4.824	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.139	45	64691	6.702	ng		97
17) 2-Methylphenol	7.116	107	27775	5.509	ng		97
18) Hexachloroethane	7.381	117	13903	5.006	ng		96
19) n-Nitroso-di-n-propyla...	7.269	70	26971	5.625	ng		94
20) 3+4-Methylphenols	7.269	107	36187	5.261	ng		94
22) Acetophenone	7.269	105	51229	5.064	ng		99
24) Nitrobenzene	7.445	77	41277	4.873	ng		99
25) Isophorone	7.681	82	74094	5.692	ng		99
26) 2-Nitrophenol	7.763	139	16787	5.086	ng		96
27) 2,4-Dimethylphenol	7.798	122	22056	5.066	ng		96
28) bis(2-Chloroethoxy)met...	7.898	93	44361	5.980	ng		98
29) 2,4-Dichlorophenol	8.010	162	29020	5.247	ng		96
30) 1,2,4-Trichlorobenzene	8.092	180	33238	5.158	ng		99
31) Naphthalene	8.169	128	110632	5.477	ng		100
32) Benzoic acid	7.869	122	15343	3.766	ng		97
33) 4-Chloroaniline	8.222	127	36984	5.985	ng		97
34) Hexachlorobutadiene	8.286	225	21537	4.919	ng		96
35) Caprolactam	8.551	113	9511	5.591	ng		97
36) 4-Chloro-3-methylphenol	8.698	107	33354	5.277	ng		97
37) 2-Methylnaphthalene	8.863	142	73865	5.761	ng		98
38) 1-Methylnaphthalene	8.963	142	71531	5.682	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	34475	5.067	ng		99
41) Hexachlorocyclopentadiene	9.016	237	6873	2.893	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	22692	5.127	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	24874	5.327	ng	99
46) 1,1'-Biphenyl	9.322	154	96388	5.458	ng	100
47) 2-Chloronaphthalene	9.351	162	70320	5.325	ng	97
48) 2-Nitroaniline	9.445	65	23000	4.683	ng	98
49) Acenaphthylene	9.763	152	108439	5.455	ng	100
50) Dimethylphthalate	9.622	163	84399	5.601	ng	99
51) 2,6-Dinitrotoluene	9.686	165	17970	5.384	ng	97
52) Acenaphthene	9.933	154	73415	5.292	ng	98
53) 3-Nitroaniline	9.851	138	18729	5.615	ng	98
54) 2,4-Dinitrophenol	9.963	184	7028	3.779	ng	97
55) Dibenzofuran	10.110	168	107999	5.585	ng	98
56) 4-Nitrophenol	10.016	139	13184	4.776	ng	98
57) 2,4-Dinitrotoluene	10.086	165	23396	5.192	ng	97
58) Fluorene	10.451	166	87439	5.542	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	20545	5.319	ng	98
60) Diethylphthalate	10.322	149	87795	5.646	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	43065	5.617	ng	96
62) 4-Nitroaniline	10.457	138	19514	5.360	ng	95
63) Azobenzene	10.604	77	86601	5.663	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	10657	4.485	ng	100
66) n-Nitrosodiphenylamine	10.557	169	73554	5.588	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	25378	5.688	ng	99
68) Hexachlorobenzene	10.998	284	28202	5.386	ng	99
69) Atrazine	11.086	200	21241	6.778	ng	98
70) Pentachlorophenol	11.192	266	14268	4.541	ng	99
71) Phenanthrene	11.416	178	120604	5.552	ng	99
72) Anthracene	11.463	178	121352	5.714	ng	98
73) Carbazole	11.621	167	113997	5.608	ng	99
74) Di-n-butylphthalate	11.951	149	134451	5.938	ng	99
75) Fluoranthene	12.604	202	136948	5.903	ng	98
77) Benzidine	12.727	184	37802	8.341	ng	97
78) Pyrene	12.833	202	142251	5.237	ng	99
80) Butylbenzylphthalate	13.451	149	49359	5.339	ng	95
81) Benzo(a)anthracene	14.021	228	116714	5.570	ng	98
82) 3,3'-Dichlorobenzidine	13.986	252	34820	5.674	ng	97
83) Chrysene	14.057	228	105146	5.454	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	59192	5.033	ng	98
85) Di-n-octyl phthalate	14.621	149	82129	4.742	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	64358	4.291	ng	98
88) Benzo(b)fluoranthene	15.068	252	97144	6.245	ng	99
89) Benzo(k)fluoranthene	15.098	252	70769	4.934	ng	98
90) Benzo(a)pyrene	15.439	252	67837	5.258	ng	98
91) Dibenzo(a,h)anthracene	16.986	278	53595	4.325	ng	99
92) Benzo(g,h,i)perylene	17.409	276	52527	4.281	ng	99

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

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