Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110424\
Data File : BF140215.D
Acq On : 04 Nov 2024 13:27
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Nov 04 16:52:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 16:40:41 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	193381	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	741082	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	432809	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	803022	20.000	ng		0.00
76) Chrysene-d12	14.057	240	547016	20.000	ng		0.00
86) Perylene-d12	15.563	264	446333	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	127203	11.146	ng		0.00
7) Phenol-d6	6.492	99	165618	11.310	ng		-0.01
23) Nitrobenzene-d5	7.434	82	160051	10.926	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	44736	9.375	ng		-0.01
45) 2-Fluorobiphenyl	9.228	172	321705	11.618	ng		0.00
79) Terphenyl-d14	12.986	244	370336	10.802	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	27613	5.481	ng		96
3) Pyridine	3.446	79	67425	5.449	ng		98
4) n-Nitrosodimethylamine	3.369	42	38109	5.498	ng	#	93
6) Aniline	6.534	93	72450	5.668	ng		98
8) 2-Chlorophenol	6.657	128	66849	5.557	ng		98
9) Benzaldehyde	6.428	77	57750	6.070	ng		100
10) Phenol	6.504	94	88704	5.695	ng		96
11) bis(2-Chloroethyl)ether	6.604	93	68254	5.700	ng		97
12) 1,3-Dichlorobenzene	6.816	146	80008	5.633	ng		98
13) 1,4-Dichlorobenzene	6.892	146	81441	5.676	ng		98
14) 1,2-Dichlorobenzene	7.045	146	76910	5.736	ng		99
15) Benzyl Alcohol	7.010	79	62359	5.437	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	102677	5.958	ng		98
17) 2-Methylphenol	7.116	107	52313	5.373	ng		99
18) Hexachloroethane	7.387	117	29138	5.455	ng		96
19) n-Nitroso-di-n-propyla...	7.275	70	55500	5.804	ng		96
20) 3+4-Methylphenols	7.269	107	72814	5.812	ng		97
22) Acetophenone	7.275	105	103377	5.692	ng		97
24) Nitrobenzene	7.451	77	83425	5.455	ng		98
25) Isophorone	7.687	82	134725	5.414	ng		98
26) 2-Nitrophenol	7.769	139	27716	4.618	ng		97
27) 2,4-Dimethylphenol	7.798	122	42634	5.187	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	82857	5.526	ng		98
29) 2,4-Dichlorophenol	8.010	162	53268	5.124	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	69931	5.479	ng		99
31) Naphthalene	8.175	128	209794	5.615	ng		99
33) 4-Chloroaniline	8.222	127	68028	5.494	ng		100
34) Hexachlorobutadiene	8.292	225	47579	5.372	ng		99
35) Caprolactam	8.551	113	15614	5.062	ng		93
36) 4-Chloro-3-methylphenol	8.692	107	59966	5.297	ng		98
37) 2-Methylnaphthalene	8.869	142	137602	5.519	ng		99
38) 1-Methylnaphthalene	8.963	142	138403	5.671	ng		98
40) 1,2,4,5-Tetrachloroben...	9.034	216	71649	5.363	ng		99
41) Hexachlorocyclopentadiene	9.022	237	13333	3.639	ng		97
43) 2,4,6-Trichlorophenol	9.139	196	42349	5.192	ng		98
44) 2,4,5-Trichlorophenol	9.181	196	43046	5.051	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.328	154	178032	5.667	ng	99
47) 2-Chloronaphthalene	9.357	162	133720	5.610	ng	98
48) 2-Nitroaniline	9.445	65	37018	4.996	ng	96
49) Acenaphthylene	9.769	152	186021	5.545	ng	100
50) Dimethylphthalate	9.628	163	144577	5.447	ng	100
51) 2,6-Dinitrotoluene	9.686	165	31970	5.055	ng	94
52) Acenaphthene	9.945	154	130724	5.467	ng	100
53) 3-Nitroaniline	9.857	138	30429	5.273	ng	99
55) Dibenzofuran	10.116	168	191686	5.675	ng	98
56) 4-Nitrophenol	10.010	139	18771	4.395	ng	93
57) 2,4-Dinitrotoluene	10.092	165	40953	4.946	ng	97
58) Fluorene	10.457	166	154871	5.733	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	34603	4.900	ng	95
60) Diethylphthalate	10.328	149	149361	5.524	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	77930	5.607	ng	99
62) 4-Nitroaniline	10.463	138	29703	5.062	ng	97
63) Azobenzene	10.610	77	158830	5.793	ng	99
66) n-Nitrosodiphenylamine	10.569	169	126524	5.470	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	47124	5.211	ng	99
68) Hexachlorobenzene	11.010	284	53506	5.243	ng	99
69) Atrazine	11.092	200	39634	6.125	ng	99
70) Pentachlorophenol	11.204	266	20259	3.727	ng	99
71) Phenanthrene	11.422	178	223480	5.725	ng	98
72) Anthracene	11.475	178	218211	5.704	ng	99
73) Carbazole	11.627	167	195264	5.628	ng	99
74) Di-n-butylphthalate	11.963	149	223421	5.490	ng	99
75) Fluoranthene	12.616	202	239961	5.739	ng	99
77) Benzidine	12.739	184	69444	7.319	ng	99
78) Pyrene	12.845	202	243400	5.418	ng	98
80) Butylbenzylphthalate	13.463	149	75769	4.809	ng	98
81) Benzo(a)anthracene	14.045	228	197578	5.507	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	54830	5.065	ng	99
83) Chrysene	14.080	228	178425	5.406	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	111553	5.091	ng	98
85) Di-n-octyl phthalate	14.674	149	159596	4.911	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	131309	4.674	ng	99
88) Benzo(b)fluoranthene	15.121	252	142314	5.055	ng	98
89) Benzo(k)fluoranthene	15.151	252	144182	5.747	ng	99
90) Benzo(a)pyrene	15.492	252	116966	5.155	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	107613	4.703	ng	98
92) Benzo(g,h,i)perylene	17.515	276	111522	4.774	ng	98

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

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