Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011924\
Data File : BF137108.D
Acq On : 19 Jan 2024 13:25
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jan 20 00:46:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 20 00:41:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	156931	20.000	ng		0.00
21) Naphthalene-d8	8.092	136	640398	20.000	ng		0.00
39) Acenaphthene-d10	9.851	164	335457	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	622764	20.000	ng		0.00
76) Chrysene-d12	13.998	240	438238	20.000	ng		0.00
86) Perylene-d12	15.492	264	390932	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	119671	11.176	ng		-0.01
7) Phenol-d6	6.434	99	150533	11.198	ng		-0.01
23) Nitrobenzene-d5	7.369	82	99285	8.872	ng		-0.01
42) 2,4,6-Tribromophenol	10.633	330	34277	10.553	ng		-0.01
45) 2-Fluorobiphenyl	9.169	172	273085	12.218	ng		0.00
79) Terphenyl-d14	12.939	244	317712	10.363	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	25235	5.221	ng		96
3) Pyridine	3.352	79	61521	5.243	ng		99
4) n-Nitrosodimethylamine	3.287	42	33782	5.172	ng	#	96
6) Aniline	6.475	93	73886m	5.647	ng		
8) 2-Chlorophenol	6.592	128	63740	5.628	ng		94
10) Phenol	6.445	94	81935m	5.634	ng		
11) bis(2-Chloroethyl)ether	6.551	93	61403	5.328	ng		96
12) 1,3-Dichlorobenzene	6.757	146	69286	5.569	ng		95
13) 1,4-Dichlorobenzene	6.834	146	70405	5.619	ng		98
14) 1,2-Dichlorobenzene	6.981	146	67599	5.822	ng		100
15) Benzyl Alcohol	6.945	79	52097	5.372	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.092	45	104966	5.469	ng		98
17) 2-Methylphenol	7.057	107	49511	5.331	ng		98
18) Hexachloroethane	7.328	117	24008	5.233	ng		93
19) n-Nitroso-di-n-propyla...	7.216	70	44659	5.395	ng		96
20) 3+4-Methylphenols	7.210	107	65530	5.750	ng		96
22) Acetophenone	7.216	105	92488	5.838	ng	#	98
24) Nitrobenzene	7.387	77	58673	4.802	ng		97
25) Isophorone	7.628	82	122240	5.306	ng		98
26) 2-Nitrophenol	7.704	139	14264	5.744	ng		94
27) 2,4-Dimethylphenol	7.739	122	39213	5.280	ng		97
28) bis(2-Chloroethoxy)met...	7.845	93	77072	5.519	ng		99
29) 2,4-Dichlorophenol	7.945	162	47767	5.201	ng		97
30) 1,2,4-Trichlorobenzene	8.034	180	59142	5.574	ng		99
31) Naphthalene	8.116	128	193903	5.708	ng		99
33) 4-Chloroaniline	8.163	127	66434	5.315	ng		95
34) Hexachlorobutadiene	8.234	225	33618	5.446	ng		98
35) Caprolactam	8.486	113	14821	5.084	ng		98
36) 4-Chloro-3-methylphenol	8.634	107	52306	5.213	ng		99
37) 2-Methylnaphthalene	8.804	142	122462	5.664	ng		97
38) 1-Methylnaphthalene	8.904	142	121265	5.750	ng		96
40) 1,2,4,5-Tetrachloroben...	8.969	216	54443	5.545	ng		100
41) Hexachlorocyclopentadiene	8.963	237	17428	4.620	ng		96
43) 2,4,6-Trichlorophenol	9.081	196	32505	5.086	ng		100
44) 2,4,5-Trichlorophenol	9.110	196	36965	5.306	ng		93
46) 1,1'-Biphenyl	9.269	154	159348	5.835	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.292	162	119595	5.655	ng		98
48) 2-Nitroaniline	9.386	65	18111	3.260	ng		90
49) Acenaphthylene	9.710	152	166439	5.526	ng		99
50) Dimethylphthalate	9.569	163	130952	5.579	ng		100
51) 2,6-Dinitrotoluene	9.628	165	17696	3.782	ng		90
52) Acenaphthene	9.880	154	113787	5.565	ng		98
53) 3-Nitroaniline	9.792	138	20154	4.041	ng	#	88
55) Dibenzofuran	10.057	168	163536	5.778	ng		98
56) 4-Nitrophenol	9.945	139	16129	3.985	ng		92
57) 2,4-Dinitrotoluene	10.028	165	18190	3.251	ng		91
58) Fluorene	10.398	166	130373	6.120	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	28963	5.360	ng		98
60) Diethylphthalate	10.275	149	127568	5.522	ng		98
61) 4-Chlorophenyl-phenyle...	10.398	204	63121	6.106	ng		90
62) 4-Nitroaniline	10.404	138	19763	4.157	ng		98
63) Azobenzene	10.557	77	133619	5.526	ng		99
66) n-Nitrosodiphenylamine	10.510	169	109089	5.487	ng		97
67) 4-Bromophenyl-phenylether	10.886	248	36337	5.399	ng		97
68) Hexachlorobenzene	10.945	284	41258	5.434	ng		98
69) Atrazine	11.039	200	30194	7.560	ng		98
70) Pentachlorophenol	11.139	266	20954	4.668	ng		92
71) Phenanthrene	11.363	178	191112	5.759	ng		99
72) Anthracene	11.416	178	183910	5.564	ng		99
73) Carbazole	11.569	167	171511	5.720	ng		99
74) Di-n-butylphthalate	11.916	149	184979	5.382	ng		99
75) Fluoranthene	12.557	202	197377	5.839	ng		99
77) Benzidine	12.686	184	27060	6.117	ng		99
78) Pyrene	12.786	202	209198	4.781	ng		98
80) Butylbenzylphthalate	13.427	149	56629	3.999	ng		98
81) Benzo(a)anthracene	13.986	228	167829	5.157	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	42581	5.336	ng		97
83) Chrysene	14.021	228	161832	5.145	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	73565	4.272	ng		98
87) Indeno(1,2,3-cd)pyrene	16.992	276	112074	4.243	ng		99
88) Benzo(b)fluoranthene	15.045	252	136493	5.488	ng		98
89) Benzo(k)fluoranthene	15.074	252	124055	5.455	ng		98
90) Benzo(a)pyrene	15.421	252	106416	5.185	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	94497	4.357	ng		98
92) Benzo(g,h,i)perylene	17.445	276	95401	4.227	ng		96

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

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