Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042324\
Data File : BF137700.D
Acq On : 23 Apr 2024 18:17
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Apr 24 03:44:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:33:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.063	152	279781	20.000	ng		0.00
21) Naphthalene-d8	8.345	136	1130403	20.000	ng		0.00
39) Acenaphthene-d10	10.110	164	639389	20.000	ng		0.00
64) Phenanthrene-d10	11.604	188	1131057	20.000	ng		0.00
76) Chrysene-d12	14.257	240	852262	20.000	ng	#	0.00
86) Perylene-d12	15.827	264	777081	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.675	112	394942	21.443	ng		0.00
7) Phenol-d6	6.663	99	503059	21.508	ng		-0.01
23) Nitrobenzene-d5	7.616	82	437210	20.531	ng		-0.01
42) 2,4,6-Tribromophenol	10.898	330	136772	21.199	ng		0.00
45) 2-Fluorobiphenyl	9.422	172	966823	22.594	ng		0.00
79) Terphenyl-d14	13.186	244	1139646	21.523	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.993	88	84465	10.241	ng		98
3) Pyridine	3.746	79	224667	10.226	ng		98
4) n-Nitrosodimethylamine	3.699	42	104810	10.222	ng	#	99
6) Aniline	6.722	93	300979	10.336	ng		98
8) 2-Chlorophenol	6.840	128	206167	10.723	ng		96
9) Benzaldehyde	6.616	77	149989	11.427	ng		93
10) Phenol	6.675	94	247497	10.592	ng		95
11) bis(2-Chloroethyl)ether	6.787	93	201077	10.550	ng		98
12) 1,3-Dichlorobenzene	7.004	146	215415	10.684	ng		98
13) 1,4-Dichlorobenzene	7.081	146	218086	10.744	ng		98
14) 1,2-Dichlorobenzene	7.234	146	204527	10.824	ng		98
15) Benzyl Alcohol	7.187	79	179002	10.230	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.328	45	306270	10.449	ng		100
17) 2-Methylphenol	7.292	107	177976	10.419	ng		99
18) Hexachloroethane	7.581	117	75395	10.494	ng		96
19) n-Nitroso-di-n-propyla...	7.457	70	160327	10.601	ng		97
20) 3+4-Methylphenols	7.439	107	235892	10.692	ng		98
22) Acetophenone	7.463	105	297071	10.745	ng	#	96
24) Nitrobenzene	7.639	77	221600	10.300	ng		96
25) Isophorone	7.875	82	404913	10.238	ng		100
26) 2-Nitrophenol	7.957	139	86327	9.143	ng		98
27) 2,4-Dimethylphenol	7.981	122	199790	10.489	ng		95
28) bis(2-Chloroethoxy)met...	8.081	93	255081	10.559	ng		99
29) 2,4-Dichlorophenol	8.187	162	170695	10.225	ng		97
30) 1,2,4-Trichlorobenzene	8.281	180	178564	10.494	ng		98
31) Naphthalene	8.369	128	626561	10.862	ng		98
32) Benzoic acid	8.034	122	91501	7.587	ng		100
33) 4-Chloroaniline	8.410	127	259987	10.648	ng		99
34) Hexachlorobutadiene	8.481	225	107834	10.571	ng		97
35) Caprolactam	8.745	113	54119	10.027	ng		90
36) 4-Chloro-3-methylphenol	8.869	107	184221	10.405	ng		99
37) 2-Methylnaphthalene	9.057	142	432257	10.918	ng		98
38) 1-Methylnaphthalene	9.157	142	407159	10.999	ng		99
40) 1,2,4,5-Tetrachloroben...	9.222	216	187918	10.720	ng		98
41) Hexachlorocyclopentadiene	9.210	237	91460	9.312	ng		98
43) 2,4,6-Trichlorophenol	9.328	196	126142	10.258	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	144816	10.276	ng		99
46) 1,1'-Biphenyl	9.522	154	511654	11.000	ng		96
47) 2-Chloronaphthalene	9.551	162	384024	10.710	ng		97
48) 2-Nitroaniline	9.639	65	103700	9.491	ng		98
49) Acenaphthylene	9.969	152	603710	10.797	ng		98
50) Dimethylphthalate	9.816	163	474093	10.642	ng		99
51) 2,6-Dinitrotoluene	9.881	165	93586	9.971	ng		90
52) Acenaphthene	10.139	154	386985	10.688	ng		99
53) 3-Nitroaniline	10.051	138	104119	9.871	ng		99
54) 2,4-Dinitrophenol	10.151	184	30103	11.204	ng	#	63
55) Dibenzofuran	10.310	168	586430	11.049	ng		99
56) 4-Nitrophenol	10.186	139	80819	9.853	ng		93
57) 2,4-Dinitrotoluene	10.280	165	112847	9.537	ng		97
58) Fluorene	10.657	166	458382	11.053	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.422	232	115346	10.570	ng		98
60) Diethylphthalate	10.516	149	469086	10.948	ng		97
61) 4-Chlorophenyl-phenyle...	10.645	204	224582	10.960	ng		98
62) 4-Nitroaniline	10.657	138	98923	9.846	ng		95
63) Azobenzene	10.810	77	477860	10.884	ng		96
65) 4,6-Dinitro-2-methylph...	10.686	198	48868	7.535	ng		98
66) n-Nitrosodiphenylamine	10.763	169	408122	10.654	ng		98
67) 4-Bromophenyl-phenylether	11.139	248	136042	10.380	ng		97
68) Hexachlorobenzene	11.204	284	131990	10.338	ng		97
69) Atrazine	11.280	200	119403	11.276	ng		100
70) Pentachlorophenol	11.392	266	97998	10.203	ng		99
71) Phenanthrene	11.627	178	657810	10.987	ng		98
72) Anthracene	11.680	178	674443	11.001	ng		97
73) Carbazole	11.827	167	599946	10.798	ng		99
74) Di-n-butylphthalate	12.151	149	740737	10.936	ng		100
75) Fluoranthene	12.822	202	697879	11.089	ng		98
77) Benzidine	12.939	184	265684	13.347	ng		99
78) Pyrene	13.051	202	717396	10.255	ng		97
80) Butylbenzylphthalate	13.663	149	227888	9.186	ng		93
81) Benzo(a)anthracene	14.245	228	621473	10.455	ng		99
82) 3,3'-Dichlorobenzidine	14.198	252	199215	10.832	ng		97
83) Chrysene	14.280	228	583428	10.504	ng		99
84) Bis(2-ethylhexyl)phtha...	14.216	149	356638	9.520	ng	#	96
85) Di-n-octyl phthalate	14.845	149	520994	9.258	ng		100
87) Indeno(1,2,3-cd)pyrene	17.456	276	395653	9.183	ng		99
88) Benzo(b)fluoranthene	15.351	252	506754	10.191	ng		98
89) Benzo(k)fluoranthene	15.380	252	492271	10.071	ng		99
90) Benzo(a)pyrene	15.757	252	444287	9.960	ng		97
91) Dibenzo(a,h)anthracene	17.486	278	330424	9.241	ng		98
92) Benzo(g,h,i)perylene	17.962	276	307672	8.849	ng		97

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

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