Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
Data File : BF135937.D
Acq On : 25 Oct 2023 12:05
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Oct 25 16:21:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 16:19:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	191952	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	800483	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	404837	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	756174	20.000	ng		0.00
76) Chrysene-d12	14.004	240	576606	20.000	ng		0.00
86) Perylene-d12	15.486	264	519772	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	128618	10.347	ng		-0.01
7) Phenol-d6	6.439	99	162492	10.500	ng		-0.02
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng		
42) 2,4,6-Tribromophenol	10.645	330	26758	7.551	ng		-0.01
45) 2-Fluorobiphenyl	9.181	172	292640	11.575	ng		0.00
79) Terphenyl-d14	12.945	244	333526	9.664	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	29199	5.057	ng		99
3) Pyridine	3.363	79	78750	4.941	ng		98
4) n-Nitrosodimethylamine	3.304	42	34354	4.943	ng	#	95
6) Aniline	6.481	93	107819	5.186	ng		99
8) 2-Chlorophenol	6.598	128	66923	5.200	ng		97
10) Phenol	6.451	94	84119	5.212	ng		97
11) bis(2-Chloroethyl)ether	6.557	93	66408	5.273	ng		98
12) 1,3-Dichlorobenzene	6.763	146	73644	5.388	ng		97
13) 1,4-Dichlorobenzene	6.839	146	74942	5.459	ng		99
14) 1,2-Dichlorobenzene	6.992	146	69971	5.489	ng		96
15) Benzyl Alcohol	6.957	79	56272	5.144	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	99256	5.352	ng		99
17) 2-Methylphenol	7.063	107	58844	5.188	ng		98
18) Hexachloroethane	7.334	117	23120	4.953	ng		96
19) n-Nitroso-di-n-propyla...	7.228	70	46246	5.255	ng		99
20) 3+4-Methylphenols	7.216	107	74105	5.414	ng		91
22) Acetophenone	7.222	105	98578	5.452	ng	#	99
24) Nitrobenzene	7.398	77	41396	5.537	ng		92
25) Isophorone	7.634	82	127097	5.023	ng		99
26) 2-Nitrophenol	7.716	139	7272	5.637	ng		99
27) 2,4-Dimethylphenol	7.751	122	56472	4.897	ng		98
28) bis(2-Chloroethoxy)met...	7.851	93	80865	5.204	ng		98
29) 2,4-Dichlorophenol	7.951	162	45511	4.407	ng		98
30) 1,2,4-Trichlorobenzene	8.039	180	60921	5.210	ng		96
31) Naphthalene	8.122	128	204846	5.293	ng		99
33) 4-Chloroaniline	8.169	127	88348	5.165	ng		98
34) Hexachlorobutadiene	8.245	225	32960	5.001	ng		99
35) Caprolactam	8.492	113	14064	4.093	ng		95
36) 4-Chloro-3-methylphenol	8.645	107	50358	4.589	ng		94
37) 2-Methylnaphthalene	8.816	142	135551	5.294	ng		100
38) 1-Methylnaphthalene	8.916	142	128272	5.361	ng		100
40) 1,2,4,5-Tetrachloroben...	8.981	216	60447	5.287	ng		98
41) Hexachlorocyclopentadiene	8.969	237	22269	3.950	ng		99
43) 2,4,6-Trichlorophenol	9.086	196	26480	3.957	ng		94
44) 2,4,5-Trichlorophenol	9.122	196	33820	4.256	ng		98
46) 1,1'-Biphenyl	9.280	154	165624	5.399	ng		99

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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.304	162	119145	5.251	ng		99
48) 2-Nitroaniline	9.392	65	10111	5.935	ng		85
49) Acenaphthylene	9.716	152	187973	5.251	ng		99
50) Dimethylphthalate	9.580	163	136274	5.191	ng		97
51) 2,6-Dinitrotoluene	9.639	165	9293	6.396	ng		94
52) Acenaphthene	9.892	154	119686	5.217	ng		98
53) 3-Nitroaniline	9.804	138	12697	6.326	ng	#	89
55) Dibenzofuran	10.063	168	178023	5.372	ng		97
57) 2,4-Dinitrotoluene	10.039	165	9417	7.056	ng	#	82
58) Fluorene	10.410	166	136836	5.519	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	22547	3.771	ng		97
60) Diethylphthalate	10.286	149	125818	5.026	ng		97
61) 4-Chlorophenyl-phenyle...	10.404	204	67619	5.654	ng		97
62) 4-Nitroaniline	10.410	138	13376	6.523	ng	#	80
63) Azobenzene	10.563	77	132669	5.222	ng		98
66) n-Nitrosodiphenylamine	10.522	169	118874	5.204	ng		98
67) 4-Bromophenyl-phenylether	10.898	248	38811	5.012	ng		96
68) Hexachlorobenzene	10.951	284	42357	5.120	ng		98
69) Atrazine	11.051	200	32535	5.224	ng		98
71) Phenanthrene	11.374	178	202629	5.297	ng		99
72) Anthracene	11.422	178	205598	5.249	ng		99
73) Carbazole	11.580	167	181064	5.182	ng		98
74) Di-n-butylphthalate	11.927	149	173232	4.659	ng		98
75) Fluoranthene	12.569	202	209265	5.199	ng		99
77) Benzidine	12.698	184	64867	5.834	ng		100
78) Pyrene	12.798	202	218077	4.504	ng		99
80) Butylbenzylphthalate	13.433	149	47067	6.194	ng		91
81) Benzo(a)anthracene	13.992	228	191124	4.875	ng		98
82) 3,3'-Dichlorobenzidine	13.957	252	52218	4.378	ng		97
83) Chrysene	14.027	228	184084	4.821	ng		99
84) Bis(2-ethylhexyl)phtha...	14.004	149	81100	4.074	ng		98
87) Indeno(1,2,3-cd)pyrene	16.980	276	117762	3.996	ng		99
88) Benzo(b)fluoranthene	15.045	252	156441	5.057	ng		97
89) Benzo(k)fluoranthene	15.074	252	148687	4.894	ng		99
90) Benzo(a)pyrene	15.421	252	133940	4.698	ng		99
91) Dibenzo(a,h)anthracene	17.009	278	100678	3.994	ng		98
92) Benzo(g,h,i)perylene	17.433	276	98385	6.921	ng		98

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

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