Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110723\
Data File : BF136170.D
Acq On : 07 Nov 2023 11:31
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/09/2023

Quant Time: Nov 08 01:53:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 08 01:48:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	97386	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	394904	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	202737	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	361066	20.000	ng		0.00
76) Chrysene-d12	14.004	240	181088	20.000	ng		0.00
86) Perylene-d12	15.492	264	172657	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	118511	19.376	ng		0.00
7) Phenol-d6	6.439	99	144928	19.256	ng		-0.02
23) Nitrobenzene-d5	7.375	82	132157	18.675	ng		-0.01
42) 2,4,6-Tribromophenol	10.645	330	40442	19.046	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	275998	20.124	ng		0.00
79) Terphenyl-d14	12.945	244	258585	20.269	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	23426	9.565	ng		98
3) Pyridine	3.328	79	60601	9.209	ng		96
4) n-Nitrosodimethylamine	3.269	42	27199	9.011	ng		100
6) Aniline	6.481	93	92539	9.701	ng		99
8) 2-Chlorophenol	6.598	128	64243	9.757	ng		97
9) Benzaldehyde	6.369	77	45017	10.346	ng		98
10) Phenol	6.457	94	81320	10.604	ng		95
11) bis(2-Chloroethyl)ether	6.551	93	58391	9.666	ng		98
12) 1,3-Dichlorobenzene	6.757	146	66334	9.551	ng		96
13) 1,4-Dichlorobenzene	6.834	146	67492	9.691	ng		98
14) 1,2-Dichlorobenzene	6.986	146	64309	9.824	ng		98
15) Benzyl Alcohol	6.951	79	54554	9.692	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.092	45	76945	9.750	ng		99
17) 2-Methylphenol	7.063	107	52628	9.580	ng		99
18) Hexachloroethane	7.328	117	24187	9.517	ng		95
19) n-Nitroso-di-n-propyla...	7.222	70	42777	9.846	ng		93
20) 3+4-Methylphenols	7.216	107	68269	9.958	ng	#	90
22) Acetophenone	7.222	105	90362	9.911	ng		96
24) Nitrobenzene	7.392	77	65080	9.450	ng		96
25) Isophorone	7.633	82	115311	9.442	ng		100
26) 2-Nitrophenol	7.710	139	29878	8.951	ng		96
27) 2,4-Dimethylphenol	7.751	122	53321	9.510	ng		98
28) bis(2-Chloroethoxy)met...	7.851	93	70178	9.528	ng		97
29) 2,4-Dichlorophenol	7.951	162	52471	9.598	ng		98
30) 1,2,4-Trichlorobenzene	8.039	180	59076	9.705	ng		94
31) Naphthalene	8.122	128	189828	9.758	ng		99
32) Benzoic acid	7.816	122	26551	10.639	ng		88
33) 4-Chloroaniline	8.169	127	77062	9.551	ng		99
34) Hexachlorobutadiene	8.239	225	34786	9.401	ng		98
35) Caprolactam	8.504	113	14604	9.226	ng		96
36) 4-Chloro-3-methylphenol	8.645	107	54055	9.418	ng		97
37) 2-Methylnaphthalene	8.810	142	127109	9.745	ng		100
38) 1-Methylnaphthalene	8.910	142	118478	9.791	ng		98
40) 1,2,4,5-Tetrachloroben...	8.975	216	59498	9.792	ng		99
41) Hexachlorocyclopentadiene	8.963	237	26616	8.495	ng		98
43) 2,4,6-Trichlorophenol	9.086	196	36173	9.508	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	40190	9.170	ng	#	90
46) 1,1'-Biphenyl	9.275	154	156484	9.837	ng		99
47) 2-Chloronaphthalene	9.298	162	114617	9.857	ng		98
48) 2-Nitroaniline	9.392	65	32591	9.193	ng		88
49) Acenaphthylene	9.716	152	174487	9.721	ng		99
50) Dimethylphthalate	9.575	163	133531	9.748	ng		100
51) 2,6-Dinitrotoluene	9.639	165	28223	9.495	ng		90
52) Acenaphthene	9.892	154	115402	10.252	ng		99
53) 3-Nitroaniline	9.804	138	29768	9.393	ng		99
54) 2,4-Dinitrophenol	9.910	184	7103	10.999	ng		99
55) Dibenzofuran	10.063	168	164134	9.875	ng		98
56) 4-Nitrophenol	9.957	139	17669	8.390	ng		99
57) 2,4-Dinitrotoluene	10.039	165	36003	9.537	ng		94
58) Fluorene	10.404	166	128085	10.153	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.180	232	31099	8.981	ng		93
60) Diethylphthalate	10.280	149	139995	10.187	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	64181	10.008	ng		93
62) 4-Nitroaniline	10.416	138	26088	9.032	ng		95
63) Azobenzene	10.563	77	117106	9.740	ng		99
65) 4,6-Dinitro-2-methylph...	10.445	198	13562	10.597	ng		97
66) n-Nitrosodiphenylamine	10.516	169	108720	9.491	ng		98
67) 4-Bromophenyl-phenylether	10.892	248	36866	9.168	ng		93
68) Hexachlorobenzene	10.951	284	40614	9.513	ng		100
69) Atrazine	11.045	200	29861	10.290	ng		98
70) Pentachlorophenol	11.151	266	20227	8.471	ng		97
71) Phenanthrene	11.374	178	180956	9.787	ng		98
72) Anthracene	11.421	178	181850	9.635	ng		99
73) Carbazole	11.580	167	144769	9.573	ng		99
74) Di-n-butylphthalate	11.921	149	171952	9.611	ng		98
75) Fluoranthene	12.568	202	163857	9.704	ng		100
77) Benzidine	12.692	184	38428	12.255	ng		99
78) Pyrene	12.798	202	166673	9.843	ng		99
80) Butylbenzylphthalate	13.433	149	47393	8.783	ng		96
81) Benzo(a)anthracene	13.992	228	111884	9.315	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	33260	8.626	ng		97
83) Chrysene	14.027	228	108771	9.256	ng		98
84) Bis(2-ethylhexyl)phtha...	13.998	149	58063	8.915	ng		97
85) Di-n-octyl phthalate	14.615	149	82954	7.607	ng	#	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	118439	9.362	ng		99
88) Benzo(b)fluoranthene	15.057	252	88184m	9.251	ng		
89) Benzo(k)fluoranthene	15.080	252	90331	9.410	ng		98
90) Benzo(a)pyrene	15.427	252	87426	9.299	ng		98
91) Dibenzo(a,h)anthracene	17.027	278	98696	9.414	ng		99
92) Benzo(g,h,i)perylene	17.456	276	101018	9.504	ng		97

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

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