Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
Data File : BF136218.D
Acq On : 27 Nov 2023 12:20
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 28 02:56:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 02:38:48 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	154928	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	679733	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	357266	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	717827	20.000	ng		0.00
76) Chrysene-d12	13.986	240	484119	20.000	ng		0.00
86) Perylene-d12	15.474	264	352224	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	105089	9.441	ng		-0.01
7) Phenol-d6	6.428	99	139280	10.007	ng		-0.02
23) Nitrobenzene-d5	7.357	82	120406	9.361	ng		-0.02
42) 2,4,6-Tribromophenol	10.627	330	41754	9.559	ng		-0.01
45) 2-Fluorobiphenyl	9.157	172	286567	10.245	ng		-0.01
79) Terphenyl-d14	12.927	244	350854	8.360	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	20998	4.986	ng		98
3) Pyridine	3.369	79	50408	4.848	ng		96
4) n-Nitrosodimethylamine	3.299	42	24813	4.721	ng	#	92
6) Aniline	6.463	93	68183	5.183	ng		99
8) 2-Chlorophenol	6.587	128	60440	4.987	ng		94
9) Benzaldehyde	6.357	77	43022	5.546	ng		96
10) Phenol	6.439	94	72658	4.866	ng		95
11) bis(2-Chloroethyl)ether	6.539	93	53838	4.915	ng		97
12) 1,3-Dichlorobenzene	6.745	146	66462	4.832	ng		96
13) 1,4-Dichlorobenzene	6.822	146	67515	4.829	ng		94
14) 1,2-Dichlorobenzene	6.975	146	63074	4.765	ng		94
15) Benzyl Alcohol	6.939	79	45553	4.668	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	78212	5.140	ng		98
17) 2-Methylphenol	7.051	107	46126	4.841	ng		98
18) Hexachloroethane	7.316	117	23226	4.736	ng		94
19) n-Nitroso-di-n-propyla...	7.210	70	41228	4.953	ng		98
20) 3+4-Methylphenols	7.204	107	60625	4.896	ng	#	87
22) Acetophenone	7.210	105	88672	4.967	ng	#	88
24) Nitrobenzene	7.381	77	62042	4.760	ng		94
25) Isophorone	7.616	82	110662	4.771	ng		97
26) 2-Nitrophenol	7.698	139	23358	4.206	ng		97
27) 2,4-Dimethylphenol	7.734	122	35350	4.836	ng		93
28) bis(2-Chloroethoxy)met...	7.834	93	68527	4.884	ng		96
29) 2,4-Dichlorophenol	7.934	162	45647	4.629	ng		92
30) 1,2,4-Trichlorobenzene	8.022	180	59527	4.931	ng		98
31) Naphthalene	8.104	128	187505	4.908	ng		97
32) Benzoic acid	7.792	122	25921	3.891	ng		89
33) 4-Chloroaniline	8.151	127	64831	4.992	ng		98
34) Hexachlorobutadiene	8.222	225	34419	4.873	ng		97
35) Caprolactam	8.481	113	14289	5.184	ng	#	84
36) 4-Chloro-3-methylphenol	8.628	107	51211	4.789	ng		95
37) 2-Methylnaphthalene	8.792	142	120997	5.049	ng		94
38) 1-Methylnaphthalene	8.892	142	118882	5.085	ng		92
40) 1,2,4,5-Tetrachloroben...	8.957	216	55754	4.904	ng		96
41) Hexachlorocyclopentadiene	8.945	237	16550	3.783	ng		97
43) 2,4,6-Trichlorophenol	9.069	196	33646	4.559	ng		89

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44) 2,4,5-Trichlorophenol	9.110	196	38273	4.752	ng		96
46) 1,1'-Biphenyl	9.263	154	154186	4.894	ng		97
47) 2-Chloronaphthalene	9.280	162	118835	4.857	ng		91
48) 2-Nitroaniline	9.380	65	28257	4.424	ng	#	80
49) Acenaphthylene	9.698	152	168373	4.822	ng		98
50) Dimethylphthalate	9.557	163	133276	4.936	ng		97
51) 2,6-Dinitrotoluene	9.622	165	26178	4.745	ng		97
52) Acenaphthene	9.875	154	110774m	5.020	ng		
53) 3-Nitroaniline	9.786	138	27107	4.952	ng		91
55) Dibenzofuran	10.045	168	165797	5.050	ng		98
56) 4-Nitrophenol	9.945	139	18360	4.416	ng		97
57) 2,4-Dinitrotoluene	10.022	165	32813	4.453	ng	#	80
58) Fluorene	10.386	166	135188	5.249	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.163	232	31380m	4.900	ng		
60) Diethylphthalate	10.263	149	138148	5.114	ng		99
61) 4-Chlorophenyl-phenyle...	10.386	204	66683	5.332	ng		98
62) 4-Nitroaniline	10.398	138	26147	4.880	ng		96
63) Azobenzene	10.545	77	125777	5.023	ng		96
66) n-Nitrosodiphenylamine	10.504	169	110567	4.806	ng		95
67) 4-Bromophenyl-phenylether	10.880	248	40426	4.827	ng	#	91
68) Hexachlorobenzene	10.939	284	45048	4.648	ng		97
69) Atrazine	11.033	200	34348	5.033	ng		98
70) Pentachlorophenol	11.133	266	23570m	4.302	ng		
71) Phenanthrene	11.357	178	199717	4.950	ng		96
72) Anthracene	11.410	178	194395	4.805	ng		99
73) Carbazole	11.563	167	169548	4.927	ng		100
74) Di-n-butylphthalate	11.904	149	197624	4.590	ng	#	97
75) Fluoranthene	12.551	202	211301	5.159	ng		96
77) Benzidine	12.680	184	23392	2.939	ng	#	94
78) Pyrene	12.780	202	218220	4.116	ng		96
80) Butylbenzylphthalate	13.416	149	68044	4.124	ng		95
81) Benzo(a)anthracene	13.980	228	175542	4.882	ng		97
82) 3,3'-Dichlorobenzidine	13.945	252	41205	4.760	ng		96
83) Chrysene	14.015	228	165316	4.761	ng		98
84) Bis(2-ethylhexyl)phtha...	13.980	149	86027	4.344	ng	#	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	84055	5.694	ng		96
88) Benzo(b)fluoranthene	15.033	252	129557	5.243	ng		97
89) Benzo(k)fluoranthene	15.062	252	116576	4.967	ng		95
90) Benzo(a)pyrene	15.409	252	98589	4.880	ng		99
91) Dibenzo(a,h)anthracene	16.998	278	66091	5.664	ng		97
92) Benzo(g,h,i)perylene	17.427	276	68982	5.025	ng		97

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

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