Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
Data File : BF136644.D
Acq On : 20 Dec 2023 11:38
Operator : CG\JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 20 17:11:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 17:02:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	76373	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	309558	20.000	ng		0.00
39) Acenaphthene-d10	9.827	164	165582	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	324874	20.000	ng		0.00
76) Chrysene-d12	13.968	240	188342	20.000	ng		0.00
86) Perylene-d12	15.445	264	153028	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	207498	42.391	ng		0.00
7) Phenol-d6	6.434	99	265883	41.921	ng		0.00
23) Nitrobenzene-d5	7.357	82	251294	41.540	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	83867	43.007	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	525615	42.695	ng		0.00
79) Terphenyl-d14	12.910	244	568447	42.178	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.546	88	42583	20.879	ng		98
3) Pyridine	3.304	79	102291	20.557	ng		98
4) n-Nitrosodimethylamine	3.263	42	54430	20.483	ng		94
6) Aniline	6.457	93	135487	21.366	ng		99
8) 2-Chlorophenol	6.581	128	114410	21.359	ng		95
9) Benzaldehyde	6.345	77	79472	22.029	ng		98
10) Phenol	6.445	94	142839	21.097	ng		89
11) bis(2-Chloroethyl)ether	6.534	93	109632	21.292	ng		96
12) 1,3-Dichlorobenzene	6.733	146	122786	21.013	ng		97
13) 1,4-Dichlorobenzene	6.810	146	125703	21.053	ng		98
14) 1,2-Dichlorobenzene	6.963	146	118478	21.325	ng		97
15) Benzyl Alcohol	6.933	79	92918	21.715	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.069	45	177481	21.083	ng		97
17) 2-Methylphenol	7.051	107	91613	20.645	ng		98
18) Hexachloroethane	7.298	117	45695	21.073	ng		96
19) n-Nitroso-di-n-propyla...	7.204	70	80619	20.968	ng		99
20) 3+4-Methylphenols	7.204	107	118241	21.328	ng	#	86
22) Acetophenone	7.198	105	163347	21.052	ng	#	97
24) Nitrobenzene	7.375	77	124582	20.558	ng		93
25) Isophorone	7.610	82	226498	20.576	ng		100
26) 2-Nitrophenol	7.686	139	60805	20.972	ng		96
27) 2,4-Dimethylphenol	7.728	122	74432	21.087	ng		96
28) bis(2-Chloroethoxy)met...	7.822	93	136386	20.383	ng		98
29) 2,4-Dichlorophenol	7.933	162	95512	21.018	ng		96
30) 1,2,4-Trichlorobenzene	8.010	180	106960	21.125	ng		99
31) Naphthalene	8.092	128	352268	20.714	ng		99
32) Benzoic acid	7.833	122	70290m	20.736	ng		
33) 4-Chloroaniline	8.139	127	132301	21.070	ng		97
34) Hexachlorobutadiene	8.204	225	63939	20.785	ng		98
35) Caprolactam	8.504	113	29549m	19.705	ng		
36) 4-Chloro-3-methylphenol	8.627	107	107271	20.968	ng		97
37) 2-Methylnaphthalene	8.780	142	229173	20.939	ng		99
38) 1-Methylnaphthalene	8.880	142	228730	21.302	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	108049	21.070	ng		100
41) Hexachlorocyclopentadiene	8.933	237	26349	20.027	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	68498	20.828	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	75175	20.513	ng	95
46) 1,1'-Biphenyl	9.245	154	294249	21.177	ng	98
47) 2-Chloronaphthalene	9.269	162	220356	20.861	ng	99
48) 2-Nitroaniline	9.369	65	68318	20.654	ng	98
49) Acenaphthylene	9.686	152	342479	21.212	ng	99
50) Dimethylphthalate	9.551	163	252040	20.839	ng	99
51) 2,6-Dinitrotoluene	9.616	165	58359	21.261	ng	99
52) Acenaphthene	9.863	154	208538	20.836	ng	98
53) 3-Nitroaniline	9.780	138	61501	21.151	ng	97
54) 2,4-Dinitrophenol	9.892	184	25389	19.645	ng	94
55) Dibenzofuran	10.033	168	324682	21.401	ng	97
56) 4-Nitrophenol	9.951	139	40361	20.562	ng	95
57) 2,4-Dinitrotoluene	10.016	165	77233	21.674	ng	97
58) Fluorene	10.374	166	256358	21.296	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	62121	21.867	ng	99
60) Diethylphthalate	10.251	149	263305	20.982	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	124458	21.271	ng	98
62) 4-Nitroaniline	10.398	138	57237m	19.927	ng	
63) Azobenzene	10.527	77	250151	21.343	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	38846	20.864	ng	93
66) n-Nitrosodiphenylamine	10.486	169	219685	20.817	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	75487	20.922	ng	95
68) Hexachlorobenzene	10.921	284	85577	21.284	ng	96
69) Atrazine	11.016	200	53486	19.815	ng	98
70) Pentachlorophenol	11.121	266	39201	20.917	ng	96
71) Phenanthrene	11.339	178	349354	20.958	ng	99
72) Anthracene	11.392	178	355552	21.061	ng	99
73) Carbazole	11.551	167	337050	21.176	ng	100
74) Di-n-butylphthalate	11.886	149	410415	21.132	ng	99
75) Fluoranthene	12.533	202	377072	21.147	ng	98
77) Benzidine	12.657	184	124988	22.507	ng	98
78) Pyrene	12.762	202	387697	20.969	ng	100
80) Butylbenzylphthalate	13.392	149	140927	20.948	ng	95
81) Benzo(a)anthracene	13.957	228	270276	20.666	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	78873	21.236	ng	96
83) Chrysene	13.998	228	268129	20.965	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	174886	20.661	ng	99
85) Di-n-octyl phthalate	14.568	149	259720	19.836	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	218556	19.781	ng	99
88) Benzo(b)fluoranthene	15.009	252	217424	21.273	ng	98
89) Benzo(k)fluoranthene	15.039	252	197030	20.408	ng	99
90) Benzo(a)pyrene	15.380	252	176398	20.446	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	181297	20.001	ng	98
92) Benzo(g,h,i)perylene	17.398	276	185365	19.966	ng	100

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

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