Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
Data File : BF136239.D
Acq On : 28 Nov 2023 09:47
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 28 11:32:24 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 03:04:20 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023

11/29/2023
Supervised By :mohammad ahmed

12/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	127837	20.000	ng		0.00
21) Naphthalene-d8	8.086	136	526258	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	256902	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	421251	20.000	ng		0.00
76) Chrysene-d12	13.986	240	199510	20.000	ng		0.00
86) Perylene-d12	15.462	264	226736	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	765628	83.359	ng		0.00
7) Phenol-d6	6.439	99	931227	81.087	ng		0.00
23) Nitrobenzene-d5	7.369	82	854828	85.836	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	247805	78.898	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	1732026	86.115	ng		0.00
79) Terphenyl-d14	12.927	244	1358683	78.554	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	145817	41.959	ng		97
3) Pyridine	3.340	79	356477	41.554	ng		99
4) n-Nitrosodimethylamine	3.304	42	169537	39.096	ng		90
6) Aniline	6.475	93	459139	42.299	ng		96
8) 2-Chlorophenol	6.592	128	405775	40.575	ng		97
9) Benzaldehyde	6.363	77	255810	39.965	ng		96
10) Phenol	6.457	94	507825	41.217	ng		95
11) bis(2-Chloroethyl)ether	6.551	93	364091	40.282	ng		94
12) 1,3-Dichlorobenzene	6.745	146	467461	41.189	ng		97
13) 1,4-Dichlorobenzene	6.822	146	469011	40.652	ng		97
14) 1,2-Dichlorobenzene	6.975	146	452416	41.421	ng		97
15) Benzyl Alcohol	6.945	79	334828	41.584	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.087	45	495956	39.504	ng		99
17) 2-Methylphenol	7.057	107	320253	40.733	ng		97
18) Hexachloroethane	7.316	117	163829	40.483	ng		94
19) n-Nitroso-di-n-propyla...	7.222	70	270751	39.419	ng		98
20) 3+4-Methylphenols	7.210	107	418365	40.943	ng	#	86
22) Acetophenone	7.216	105	574361	41.556	ng	#	93
24) Nitrobenzene	7.386	77	417693	41.388	ng		99
25) Isophorone	7.628	82	746893	41.593	ng		97
26) 2-Nitrophenol	7.698	139	194306	45.187	ng		95
27) 2,4-Dimethylphenol	7.739	122	238181	42.084	ng		96
28) bis(2-Chloroethoxy)met...	7.839	93	454037	41.801	ng		98
29) 2,4-Dichlorophenol	7.939	162	324120	42.458	ng		97
30) 1,2,4-Trichlorobenzene	8.028	180	400083	42.806	ng		99
31) Naphthalene	8.104	128	1266875	42.829	ng		99
32) Benzoic acid	7.851	122	223543m	43.338	ng		
33) 4-Chloroaniline	8.157	127	424538	42.223	ng		98
34) Hexachlorobutadiene	8.222	225	232624	42.543	ng		98
35) Caprolactam	8.528	113	82822	38.809	ng		90
36) 4-Chloro-3-methylphenol	8.633	107	338985	40.942	ng		98
37) 2-Methylnaphthalene	8.798	142	782797	42.188	ng		99
38) 1-Methylnaphthalene	8.898	142	752181	41.555	ng		97
40) 1,2,4,5-Tetrachloroben...	8.963	216	360943	44.147	ng		99
41) Hexachlorocyclopentadiene	8.951	237	140922	44.794	ng		96
43) 2,4,6-Trichlorophenol	9.075	196	232423	43.798	ng		95

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44) 2,4,5-Trichlorophenol	9.110	196	245768	42.438	ng		97
46) 1,1'-Biphenyl	9.263	154	967693	42.714	ng		98
47) 2-Chloronaphthalene	9.286	162	756596	43.004	ng		97
48) 2-Nitroaniline	9.386	65	189483	41.251	ng	#	80
49) Acenaphthylene	9.704	152	1072214	42.706	ng		99
50) Dimethylphthalate	9.569	163	786923	40.527	ng		100
51) 2,6-Dinitrotoluene	9.628	165	164975	41.589	ng		95
52) Acenaphthene	9.875	154	713010	44.939	ng		99
53) 3-Nitroaniline	9.798	138	154803	39.330	ng		97
54) 2,4-Dinitrophenol	9.898	184	71410	38.707	ng		99
55) Dibenzofuran	10.051	168	988765	41.880	ng		97
56) 4-Nitrophenol	9.951	139	107782	36.055	ng		98
57) 2,4-Dinitrotoluene	10.033	165	211703	39.954	ng		98
58) Fluorene	10.392	166	754971	40.767	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	189075	41.034	ng		97
60) Diethylphthalate	10.269	149	752153	38.724	ng		99
61) 4-Chlorophenyl-phenyle...	10.386	204	369001	41.029	ng		96
62) 4-Nitroaniline	10.410	138	136436	35.413	ng		98
63) Azobenzene	10.545	77	712999	39.596	ng		98
65) 4,6-Dinitro-2-methylph...	10.439	198	99370	43.137	ng		89
66) n-Nitrosodiphenylamine	10.504	169	607605	45.009	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	219567	44.677	ng		92
68) Hexachlorobenzene	10.939	284	256331	45.066	ng		95
69) Atrazine	11.039	200	162540	40.588	ng		97
70) Pentachlorophenol	11.133	266	136942	42.593	ng		97
71) Phenanthrene	11.357	178	998446	42.171	ng		99
72) Anthracene	11.410	178	1005613	42.354	ng		100
73) Carbazole	11.563	167	783548	38.802	ng		99
74) Di-n-butylphthalate	11.904	149	972127	38.475	ng		99
75) Fluoranthene	12.551	202	884352	36.794	ng		98
77) Benzidine	12.674	184	180540	55.049	ng		98
78) Pyrene	12.780	202	863889	39.538	ng		99
80) Butylbenzylphthalate	13.410	149	274267	40.332	ng		99
81) Benzo(a)anthracene	13.974	228	620725	41.887	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	168667	47.283	ng		98
83) Chrysene	14.010	228	598241	41.811	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	369564	45.284	ng		99
85) Di-n-octyl phthalate	14.598	149	689691	51.600	ng		99
87) Indeno(1,2,3-cd)pyrene	16.968	276	679245	40.520	ng		99
88) Benzo(b)fluoranthene	15.033	252	633605	39.831	ng		99
89) Benzo(k)fluoranthene	15.062	252	619765	41.021	ng		99
90) Benzo(a)pyrene	15.404	252	544572	41.877	ng		97
91) Dibenzo(a,h)anthracene	16.992	278	549525	40.828	ng		99
92) Benzo(g,h,i)perylene	17.427	276	561626	41.418	ng		98

11/29/2023
Supervised By :mohammad ahmed
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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