Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093024\
Data File : BF139570.D
Acq On : 30 Sep 2024 11:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 30 13:49:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	97466	20.000	ng		-0.01
21) Naphthalene-d8	8.151	136	357871	20.000	ng		#-0.01
39) Acenaphthene-d10	9.904	164	201742	20.000	ng		-0.01
64) Phenanthrene-d10	11.386	188	373067	20.000	ng		#-0.01
76) Chrysene-d12	14.021	240	184853	20.000	ng		#-0.01
86) Perylene-d12	15.480	264	184909	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	445537	74.572	ng		-0.01
7) Phenol-d6	6.504	99	595767	75.971	ng		0.00
23) Nitrobenzene-d5	7.434	82	567764	74.584	ng		-0.01
42) 2,4,6-Tribromophenol	10.692	330	150175	69.921	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1036866	72.083	ng		-0.01
79) Terphenyl-d14	12.969	244	945410	83.947	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	95147	39.694	ng		96
3) Pyridine	3.369	79	230683	43.650	ng		97
4) n-Nitrosodimethylamine	3.334	42	156701	34.209	ng	#	78
6) Aniline	6.534	93	251222	42.450	ng		98
8) 2-Chlorophenol	6.657	128	238175	38.727	ng		99
9) Benzaldehyde	6.422	77	223743	49.383	ng		97
10) Phenol	6.516	94	314493	39.376	ng		97
11) bis(2-Chloroethyl)ether	6.604	93	236397	38.942	ng		99
12) 1,3-Dichlorobenzene	6.810	146	265181	37.914	ng		98
13) 1,4-Dichlorobenzene	6.887	146	273645	38.716	ng		97
14) 1,2-Dichlorobenzene	7.040	146	250656	37.531	ng		98
15) Benzyl Alcohol	7.010	79	226463	36.196	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.145	45	420995	45.000	ng		99
17) 2-Methylphenol	7.122	107	196970	40.311	ng		96
18) Hexachloroethane	7.381	117	98841	36.715	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	181761	39.113	ng		97
20) 3+4-Methylphenols	7.275	107	246386	36.959	ng		92
22) Acetophenone	7.281	105	341340	36.484	ng	#	96
24) Nitrobenzene	7.451	77	290268	37.049	ng		96
25) Isophorone	7.687	82	483231	40.138	ng		99
26) 2-Nitrophenol	7.763	139	126482	41.437	ng		91
27) 2,4-Dimethylphenol	7.804	122	159395	39.588	ng		97
28) bis(2-Chloroethoxy)met...	7.898	93	285102	41.552	ng		99
29) 2,4-Dichlorophenol	8.010	162	202699	39.628	ng		100
30) 1,2,4-Trichlorobenzene	8.087	180	227728	38.210	ng		99
31) Naphthalene	8.169	128	725155	38.814	ng		100
32) Benzoic acid	7.922	122	153874	40.837	ng		92
33) 4-Chloroaniline	8.222	127	241804	42.306	ng		98
34) Hexachlorobutadiene	8.287	225	145551	35.947	ng		99
35) Caprolactam	8.592	113	66884	42.508	ng		96
36) 4-Chloro-3-methylphenol	8.698	107	224461	38.397	ng		97
37) 2-Methylnaphthalene	8.857	142	463302	39.069	ng		99
38) 1-Methylnaphthalene	8.957	142	452448	38.862	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	223773	37.427	ng		99
41) Hexachlorocyclopentadiene	9.010	237	68671	32.894	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	146931	37.772	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	157991	38.504	ng		96
46) 1,1'-Biphenyl	9.322	154	593982	38.271	ng		99
47) 2-Chloronaphthalene	9.351	162	443760	38.240	ng		99
48) 2-Nitroaniline	9.445	65	164563	38.126	ng		98
49) Acenaphthylene	9.763	152	676508	38.727	ng		99
50) Dimethylphthalate	9.622	163	513007	38.743	ng		100
51) 2,6-Dinitrotoluene	9.686	165	119547	40.755	ng		92
52) Acenaphthene	9.934	154	460283	37.754	ng		100
53) 3-Nitroaniline	9.857	138	116322	39.680	ng		92
54) 2,4-Dinitrophenol	9.963	184	59926	36.663	ng	#	83
55) Dibenzofuran	10.104	168	645301	37.974	ng		95
56) 4-Nitrophenol	10.016	139	90325	37.237	ng	#	80
57) 2,4-Dinitrotoluene	10.092	165	154807	39.090	ng		97
58) Fluorene	10.451	166	509215	36.727	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	122311	36.035	ng		96
60) Diethylphthalate	10.322	149	519747	38.037	ng		98
61) 4-Chlorophenyl-phenyle...	10.439	204	250085	37.115	ng		96
62) 4-Nitroaniline	10.469	138	116227	36.327	ng	#	84
63) Azobenzene	10.598	77	522739	38.895	ng		95
65) 4,6-Dinitro-2-methylph...	10.498	198	84591	42.962	ng		89
66) n-Nitrosodiphenylamine	10.563	169	435425	39.921	ng		99
67) 4-Bromophenyl-phenylether	10.928	248	148711	40.225	ng		98
68) Hexachlorobenzene	10.992	284	163370	37.652	ng		98
69) Atrazine	11.086	200	114923	44.258	ng		99
70) Pentachlorophenol	11.192	266	96803	37.182	ng		98
71) Phenanthrene	11.410	178	692699	38.486	ng		100
72) Anthracene	11.463	178	681571	38.730	ng		100
73) Carbazole	11.616	167	653953	38.826	ng		98
74) Di-n-butylphthalate	11.945	149	782202	41.690	ng		99
75) Fluoranthene	12.598	202	713460	37.118	ng		98
77) Benzidine	12.716	184	99207	37.459	ng		100
78) Pyrene	12.827	202	712318	44.879	ng		100
80) Butylbenzylphthalate	13.439	149	245044	45.357	ng		99
81) Benzo(a)anthracene	14.010	228	485271	39.631	ng		100
82) 3,3'-Dichlorobenzidine	13.974	252	144348	40.255	ng		99
83) Chrysene	14.045	228	446620	39.646	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	319485	46.486	ng		99
85) Di-n-octyl phthalate	14.610	149	456179	45.070	ng		99
87) Indeno(1,2,3-cd)pyrene	16.951	276	471712	42.902	ng	#	95
88) Benzo(b)fluoranthene	15.057	252	427214	37.462	ng		98
89) Benzo(k)fluoranthene	15.086	252	400345m	38.074	ng		
90) Benzo(a)pyrene	15.421	252	371458	39.275	ng		99
91) Dibenzo(a,h)anthracene	16.962	278	389278	42.845	ng	#	97
92) Benzo(g,h,i)perylene	17.392	276	402843	44.781	ng	#	96

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

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