Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101524\
Data File : BF139809.D
Acq On : 15 Oct 2024 13:44
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 15 16:27:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:37:43 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	109239	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	408979	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	215201	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	349089	20.000	ng	0.00
76) Chrysene-d12	14.016	240	180780	20.000	ng	0.00
86) Perylene-d12	15.480	264	226754	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	502399	77.600	ng	0.00
7) Phenol-d6	6.493	99	667110	77.479	ng	0.00
23) Nitrobenzene-d5	7.422	82	612019	77.023	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	143066	78.826	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1077836	74.912	ng	0.00
79) Terphenyl-d14	12.957	244	744177	77.030	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	108065	38.360	ng	100
3) Pyridine	3.352	79	268935	39.010	ng	100
4) n-Nitrosodimethylamine	3.310	42	161117	39.353	ng	100
6) Aniline	6.522	93	293483	39.560	ng	100
8) 2-Chlorophenol	6.646	128	268112	39.224	ng	100
9) Benzaldehyde	6.410	77	191044	39.502	ng	100
10) Phenol	6.504	94	354095	39.178	ng	100
11) bis(2-Chloroethyl)ether	6.593	93	264231	39.203	ng	100
12) 1,3-Dichlorobenzene	6.798	146	299143	38.706	ng	100
13) 1,4-Dichlorobenzene	6.875	146	301086	38.836	ng	100
14) 1,2-Dichlorobenzene	7.028	146	279181	38.811	ng	100
15) Benzyl Alcohol	6.998	79	245212	39.569	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.128	45	460201	38.962	ng	100
17) 2-Methylphenol	7.110	107	216902	39.225	ng	100
18) Hexachloroethane	7.363	117	110093	39.196	ng	100
19) n-Nitroso-di-n-propyla...	7.269	70	195384	38.967	ng	100
20) 3+4-Methylphenols	7.263	107	268228	38.576	ng	100
22) Acetophenone	7.269	105	365356	38.066	ng	100
24) Nitrobenzene	7.440	77	316615	38.222	ng	100
25) Isophorone	7.675	82	523192	38.583	ng	100
26) 2-Nitrophenol	7.757	139	143388	39.757	ng	100
27) 2,4-Dimethylphenol	7.793	122	168747	38.504	ng	100
28) bis(2-Chloroethoxy)met...	7.887	93	317590	38.162	ng	100
29) 2,4-Dichlorophenol	7.998	162	218851	38.505	ng	100
30) 1,2,4-Trichlorobenzene	8.075	180	247962	38.318	ng	100
31) Naphthalene	8.157	128	804573	38.172	ng	100
32) Benzoic acid	7.922	122	171969	42.499	ng	100
33) 4-Chloroaniline	8.210	127	262962	38.043	ng	100
34) Hexachlorobutadiene	8.269	225	156863	38.200	ng	100
35) Caprolactam	8.581	113	63483	39.560	ng	100
36) 4-Chloro-3-methylphenol	8.692	107	235261	38.977	ng	100
37) 2-Methylnaphthalene	8.845	142	505662	38.265	ng	100
38) 1-Methylnaphthalene	8.945	142	493469	38.358	ng	100
40) 1,2,4,5-Tetrachloroben...	9.016	216	237011	37.919	ng	100
41) Hexachlorocyclopentadiene	8.998	237	52846	38.905	ng	100
43) 2,4,6-Trichlorophenol	9.128	196	156393	39.358	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	163551	38.411	ng	100
46) 1,1'-Biphenyl	9.316	154	620056	38.108	ng	100
47) 2-Chloronaphthalene	9.339	162	475271	38.230	ng	100
48) 2-Nitroaniline	9.434	65	160089	39.443	ng	100
49) Acenaphthylene	9.751	152	706547	38.699	ng	100
50) Dimethylphthalate	9.616	163	513068	38.950	ng	100
51) 2,6-Dinitrotoluene	9.681	165	119467	39.749	ng	100
52) Acenaphthene	9.928	154	440750m	38.120	ng	
53) 3-Nitroaniline	9.845	138	119483	39.873	ng	100
54) 2,4-Dinitrophenol	9.957	184	52646	43.102	ng	100
55) Dibenzofuran	10.098	168	663156	38.237	ng	100
56) 4-Nitrophenol	10.010	139	77161	42.772	ng	100
57) 2,4-Dinitrotoluene	10.081	165	148357	39.981	ng	100
58) Fluorene	10.439	166	509190	37.724	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	124272	39.249	ng	100
60) Diethylphthalate	10.310	149	494319	38.572	ng	100
61) 4-Chlorophenyl-phenyle...	10.428	204	253331	37.983	ng	100
62) 4-Nitroaniline	10.463	138	108118	39.449	ng	100
63) Azobenzene	10.592	77	520356	38.948	ng	100
65) 4,6-Dinitro-2-methylph...	10.492	198	75270	41.099	ng	100
66) n-Nitrosodiphenylamine	10.551	169	420814	38.109	ng	100
67) 4-Bromophenyl-phenylether	10.922	248	143922	38.267	ng	100
68) Hexachlorobenzene	10.986	284	162072	38.523	ng	100
69) Atrazine	11.075	200	64802	31.436	ng	100
70) Pentachlorophenol	11.181	266	75909	42.190	ng	100
71) Phenanthrene	11.404	178	626526	37.573	ng	100
72) Anthracene	11.451	178	619383	37.802	ng	100
73) Carbazole	11.610	167	548820	37.859	ng	100
74) Di-n-butylphthalate	11.933	149	606645	38.512	ng	100
75) Fluoranthene	12.586	202	581905	36.986	ng	100
77) Benzidine	12.710	184	132287	43.806	ng	100
78) Pyrene	12.816	202	581376	32.714	ng	100
80) Butylbenzylphthalate	13.433	149	190108	39.459	ng	100
81) Benzo(a)anthracene	14.004	228	447984	37.308	ng	100
82) 3,3'-Dichlorobenzidine	13.969	252	163244	40.801	ng	100
83) Chrysene	14.039	228	430090	39.297	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	260698	41.949	ng	100
85) Di-n-octyl phthalate	14.604	149	492239	42.574	ng	100
87) Indeno(1,2,3-cd)pyrene	16.957	276	565019	37.211	ng	100
88) Benzo(b)fluoranthene	15.057	252	514758	39.577	ng	100
89) Benzo(k)fluoranthene	15.086	252	456424	39.542	ng	100
90) Benzo(a)pyrene	15.421	252	446816	39.330	ng	100
91) Dibenzo(a,h)anthracene	16.968	278	464707	37.320	ng	100
92) Benzo(g,h,i)perylene	17.404	276	486157	37.224	ng	100

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

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