Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
Data File : BF139737.D
Acq On : 10 Oct 2024 10:35
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 10 11:48:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	129608	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	490171	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	285157	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	533894	20.000	ng		0.00
76) Chrysene-d12	14.039	240	278833	20.000	ng		0.00
86) Perylene-d12	15.510	264	239675	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	572278	76.531	ng		0.00
7) Phenol-d6	6.510	99	775004	77.069	ng		0.00
23) Nitrobenzene-d5	7.440	82	730798	75.485	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	208341	75.685	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1363342	73.397	ng		0.00
79) Terphenyl-d14	12.980	244	1382724	81.368	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	121672	37.635	ng		99
3) Pyridine	3.387	79	306445	38.974	ng		98
4) n-Nitrosodimethylamine	3.357	42	189676	36.854	ng		95
6) Aniline	6.534	93	318439	35.686	ng	#	72
8) 2-Chlorophenol	6.657	128	310361	38.739	ng		99
9) Benzaldehyde	6.422	77	223916	42.035	ng		99
10) Phenol	6.522	94	409388	38.717	ng		92
11) bis(2-Chloroethyl)ether	6.610	93	311524	36.184	ng		100
12) 1,3-Dichlorobenzene	6.810	146	341298	37.869	ng		99
13) 1,4-Dichlorobenzene	6.887	146	347328	38.050	ng		100
14) 1,2-Dichlorobenzene	7.040	146	322334	37.678	ng		100
15) Benzyl Alcohol	7.016	79	291814	37.980	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	554733	37.219	ng		89
17) 2-Methylphenol	7.128	107	256417	38.338	ng		99
18) Hexachloroethane	7.381	117	131328	38.572	ng		99
19) n-Nitroso-di-n-propyla...	7.287	70	245828	38.024	ng		99
20) 3+4-Methylphenols	7.281	107	323659	38.527	ng		97
22) Acetophenone	7.281	105	439951	37.812	ng		98
24) Nitrobenzene	7.457	77	384025	38.307	ng		99
25) Isophorone	7.692	82	664422	38.640	ng		99
26) 2-Nitrophenol	7.769	139	175716	40.772	ng		100
27) 2,4-Dimethylphenol	7.810	122	205056	38.866	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	397953	38.757	ng		100
29) 2,4-Dichlorophenol	8.016	162	271991	39.524	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	300267	38.582	ng		100
31) Naphthalene	8.175	128	964881	38.500	ng		100
32) Benzoic acid	7.951	122	228748	43.603	ng		97
33) 4-Chloroaniline	8.228	127	313102	36.908	ng		99
34) Hexachlorobutadiene	8.287	225	190105	37.746	ng		99
35) Caprolactam	8.610	113	91835	40.686	ng		94
36) 4-Chloro-3-methylphenol	8.716	107	302154	38.787	ng		98
37) 2-Methylnaphthalene	8.863	142	621602	38.082	ng		99
38) 1-Methylnaphthalene	8.963	142	607333	38.066	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	296069	37.390	ng		99
41) Hexachlorocyclopentadiene	9.016	237	76047	31.321	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	197801	37.055	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	219985	38.214	ng	99
46) 1,1'-Biphenyl	9.334	154	796756	37.567	ng	99
47) 2-Chloronaphthalene	9.357	162	606742	38.160	ng	98
48) 2-Nitroaniline	9.457	65	218206	38.231	ng	95
49) Acenaphthylene	9.769	152	910893	37.671	ng	100
50) Dimethylphthalate	9.633	163	729770	39.095	ng	100
51) 2,6-Dinitrotoluene	9.698	165	165082	39.149	ng	95
52) Acenaphthene	9.945	154	625952m	37.709	ng	
53) 3-Nitroaniline	9.869	138	164338	38.137	ng	96
54) 2,4-Dinitrophenol	9.981	184	94484	41.659	ng	93
55) Dibenzofuran	10.116	168	873085	37.565	ng	99
56) 4-Nitrophenol	10.033	139	122422	37.255	ng	94
57) 2,4-Dinitrotoluene	10.104	165	212754	38.600	ng	96
58) Fluorene	10.457	166	700257	37.828	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	168668	36.276	ng	99
60) Diethylphthalate	10.328	149	748201	38.806	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	346641	37.430	ng	99
62) 4-Nitroaniline	10.486	138	169641	38.487	ng	98
63) Azobenzene	10.610	77	729552	37.626	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	121898	40.426	ng	95
66) n-Nitrosodiphenylamine	10.569	169	594525	37.778	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	210337	38.424	ng	99
68) Hexachlorobenzene	11.004	284	233017	38.361	ng	99
69) Atrazine	11.092	200	153350	36.319	ng	99
70) Pentachlorophenol	11.204	266	131674	36.405	ng	100
71) Phenanthrene	11.422	178	958320	38.069	ng	100
72) Anthracene	11.475	178	938742	37.694	ng	100
73) Carbazole	11.627	167	911786	38.119	ng	100
74) Di-n-butylphthalate	11.951	149	1150293	39.547	ng	100
75) Fluoranthene	12.610	202	1026968	37.319	ng	100
77) Benzidine	12.733	184	246548	50.129	ng	99
78) Pyrene	12.839	202	1035070	41.505	ng	99
80) Butylbenzylphthalate	13.451	149	390603	43.788	ng	98
81) Benzo(a)anthracene	14.027	228	705364	38.477	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	219580	39.138	ng	99
83) Chrysene	14.063	228	650713	38.825	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	503371	45.191	ng	99
85) Di-n-octyl phthalate	14.621	149	709475	43.356	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	599675	42.510	ng	100
88) Benzo(b)fluoranthene	15.080	252	613591	39.594	ng	99
89) Benzo(k)fluoranthene	15.110	252	447324	34.028	ng	100
90) Benzo(a)pyrene	15.451	252	470180	38.478	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	498867	42.637	ng	100
92) Benzo(g,h,i)perylene	17.451	276	504384	42.984	ng	99

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

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