Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140602.D
Acq On : 25 Nov 2024 14:54
Operator : RC/JU
Sample : PB165185BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 25 15:18:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB165185BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	96352	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	364531	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	202840	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	378422	20.000	ng		0.00
76) Chrysene-d12	14.057	240	214805	20.000	ng		0.00
86) Perylene-d12	15.563	264	181047	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	824169	145.945	ng		0.01
7) Phenol-d6	6.516	99	1082933	145.056	ng		0.00
23) Nitrobenzene-d5	7.434	82	703954	98.777	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	330908	152.535	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1373478	100.888	ng		0.00
79) Terphenyl-d14	12.986	244	1451236	105.201	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.752	88	106870	45.011	ng		98
3) Pyridine	3.510	79	267086	51.126	ng		98
4) n-Nitrosodimethylamine	3.463	42	150559	49.036	ng		94
6) Aniline	6.534	93	295466	56.229	ng	#	85
8) 2-Chlorophenol	6.663	128	317626	52.280	ng		95
9) Benzaldehyde	6.422	77	150539	38.090	ng		99
10) Phenol	6.528	94	393473	51.608	ng		98
11) bis(2-Chloroethyl)ether	6.604	93	301533	51.683	ng		99
12) 1,3-Dichlorobenzene	6.810	146	334820	49.046	ng		98
13) 1,4-Dichlorobenzene	6.887	146	332661	48.126	ng		99
14) 1,2-Dichlorobenzene	7.040	146	319100	49.266	ng		99
15) Benzyl Alcohol	7.016	79	291357	52.625	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	367885	53.374	ng		89
17) 2-Methylphenol	7.128	107	256507	52.743	ng		97
18) Hexachloroethane	7.381	117	125886	48.762	ng		100
19) n-Nitroso-di-n-propyla...	7.281	70	226598	51.357	ng		99
20) 3+4-Methylphenols	7.281	107	327859	52.448	ng		98
22) Acetophenone	7.281	105	436535	49.120	ng		99
24) Nitrobenzene	7.457	77	347664	47.201	ng		97
25) Isophorone	7.692	82	616291	51.847	ng		100
26) 2-Nitrophenol	7.769	139	170493	52.232	ng		97
27) 2,4-Dimethylphenol	7.810	122	255255	65.359	ng		97
28) bis(2-Chloroethoxy)met...	7.898	93	374731	51.748	ng		100
29) 2,4-Dichlorophenol	8.016	162	269245	52.028	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	285092	48.250	ng		99
31) Naphthalene	8.175	128	931241	49.596	ng		99
32) Benzoic acid	7.939	122	158145	46.752	ng		98
33) 4-Chloroaniline	8.222	127	149268	26.552	ng		100
34) Hexachlorobutadiene	8.287	225	186341	47.613	ng		99
35) Caprolactam	8.598	113	83954m	52.422	ng		
36) 4-Chloro-3-methylphenol	8.716	107	300428	51.851	ng		98
37) 2-Methylnaphthalene	8.863	142	616026	51.654	ng		99
38) 1-Methylnaphthalene	8.963	142	568231	48.609	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	294607	49.613	ng		99
41) Hexachlorocyclopentadiene	9.016	237	279514	197.615	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	190948	51.246	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.192	196	205100	50.718	ng	98
46)	1,1'-Biphenyl	9.328	154	771619	50.951	ng	99
47)	2-Chloronaphthalene	9.357	162	567533	49.458	ng	99
48)	2-Nitroaniline	9.457	65	189674	51.496	ng	96
49)	Acenaphthylene	9.769	152	941395	54.296	ng	100
50)	Dimethylphthalate	9.633	163	696702	52.153	ng	100
51)	2,6-Dinitrotoluene	9.698	165	151066	49.861	ng	93
52)	Acenaphthene	9.945	154	575593	52.248	ng	99
53)	3-Nitroaniline	9.869	138	99412	33.549	ng	96
54)	2,4-Dinitrophenol	9.981	184	142196	89.583	ng	97
55)	Dibenzofuran	10.116	168	863010	51.358	ng	99
56)	4-Nitrophenol	10.039	139	201320	99.619	ng	96
57)	2,4-Dinitrotoluene	10.104	165	204442	50.773	ng	97
58)	Fluorene	10.457	166	679614	50.387	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.239	232	174306	56.085	ng	95
60)	Diethylphthalate	10.328	149	694819	51.192	ng	100
61)	4-Chlorophenyl-phenyle...	10.445	204	341715	51.625	ng	98
62)	4-Nitroaniline	10.486	138	156371	50.315	ng	94
63)	Azobenzene	10.610	77	664742	51.717	ng	99
65)	4,6-Dinitro-2-methylph...	10.516	198	106204	54.921	ng	97
66)	n-Nitrosodiphenylamine	10.569	169	582446	52.046	ng	99
67)	4-Bromophenyl-phenylether	10.939	248	201240	51.637	ng	98
68)	Hexachlorobenzene	11.010	284	227145	50.336	ng	99
69)	Atrazine	11.098	200	191164	60.721	ng	99
70)	Pentachlorophenol	11.210	266	209352	105.410	ng	99
71)	Phenanthrene	11.427	178	948413	52.138	ng	100
72)	Anthracene	11.475	178	969448	54.483	ng	99
73)	Carbazole	11.633	167	862251	50.372	ng	100
74)	Di-n-butylphthalate	11.957	149	1032988	52.271	ng	99
75)	Fluoranthene	12.616	202	1009425	51.110	ng	99
77)	Benzidine	12.733	184	286583	45.888	ng	100
78)	Pyrene	12.845	202	1020526	51.382	ng	99
80)	Butylbenzylphthalate	13.457	149	391515	54.720	ng	98
81)	Benzo(a)anthracene	14.045	228	761370	53.545	ng	100
82)	3,3'-Dichlorobenzidine	14.004	252	142346	33.343	ng	98
83)	Chrysene	14.080	228	688817	52.978	ng	100
84)	Bis(2-ethylhexyl)phtha...	14.021	149	501114	55.467	ng	99
85)	Di-n-octyl phthalate	14.657	149	704947	57.095	ng	98
87)	Indeno(1,2,3-cd)pyrene	17.074	276	608469	51.571	ng	98
88)	Benzo(b)fluoranthene	15.127	252	573889	50.466	ng	99
89)	Benzo(k)fluoranthene	15.157	252	547927	55.061	ng	100
90)	Benzo(a)pyrene	15.498	252	523559	56.624	ng	98
91)	Dibenzo(a,h)anthracene	17.086	278	499837	51.729	ng	99
92)	Benzo(g,h,i)perylene	17.527	276	453673	46.011	ng	98

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

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