Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
Data File : BF140748.D
Acq On : 05 Dec 2024 15:02
Operator : RC/JU
Sample : PB165383BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 05 15:22:39 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 :
PB165383BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/07/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	70557	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	276888	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	161032	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	312586	20.000	ng		0.00
76) Chrysene-d12	14.063	240	204731	20.000	ng		0.01
86) Perylene-d12	15.562	264	165261	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	623289	150.724	ng		0.02
7) Phenol-d6	6.522	99	818562	149.729	ng		0.00
23) Nitrobenzene-d5	7.439	82	523175	96.648	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	268137	155.690	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1080199	99.945	ng		0.00
79) Terphenyl-d14	12.992	244	1276031	97.052	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	74182	42.666	ng		98
3) Pyridine	3.522	79	168021	43.921	ng		99
4) n-Nitrosodimethylamine	3.475	42	102903	45.768	ng		94
6) Aniline	6.540	93	200568	52.123	ng	#	54
8) 2-Chlorophenol	6.669	128	236344	53.123	ng		95
9) Benzaldehyde	6.428	77	68351	23.617	ng		99
10) Phenol	6.534	94	297103	53.214	ng		98
11) bis(2-Chloroethyl)ether	6.610	93	236057	55.252	ng		97
12) 1,3-Dichlorobenzene	6.816	146	238571	47.723	ng		98
13) 1,4-Dichlorobenzene	6.892	146	244137	48.232	ng		99
14) 1,2-Dichlorobenzene	7.040	146	229582	48.404	ng		99
15) Benzyl Alcohol	7.022	79	212251	52.352	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	256587	50.836	ng		69
17) 2-Methylphenol	7.140	107	187187	52.561	ng		95
18) Hexachloroethane	7.381	117	91109	48.193	ng		99
19) n-Nitroso-di-n-propyla...	7.292	70	166463	51.521	ng		96
20) 3+4-Methylphenols	7.292	107	247396	54.045	ng	#	85
22) Acetophenone	7.281	105	323522	47.926	ng	#	94
24) Nitrobenzene	7.457	77	257859	46.090	ng		100
25) Isophorone	7.698	82	449849	49.824	ng		100
26) 2-Nitrophenol	7.775	139	126163	50.886	ng		97
27) 2,4-Dimethylphenol	7.816	122	192550m	64.909	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	275670	50.118	ng		99
29) 2,4-Dichlorophenol	8.028	162	208521	53.048	ng		97
30) 1,2,4-Trichlorobenzene	8.098	180	207358	46.202	ng		99
31) Naphthalene	8.175	128	684161	47.970	ng		99
32) Benzoic acid	7.963	122	102554	40.966	ng		99
33) 4-Chloroaniline	8.239	127	92111	21.571	ng		99
34) Hexachlorobutadiene	8.286	225	137822	46.362	ng		100
35) Caprolactam	8.610	113	62656m	51.507	ng		
36) 4-Chloro-3-methylphenol	8.728	107	229415	52.127	ng		99
37) 2-Methylnaphthalene	8.869	142	461395	50.934	ng		99
38) 1-Methylnaphthalene	8.969	142	431097	48.550	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	228778	48.529	ng		99
41) Hexachlorocyclopentadiene	9.016	237	178985	160.805	ng		97
43) 2,4,6-Trichlorophenol	9.157	196	147364	49.817	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	154329	48.071	ng		97
46) 1,1'-Biphenyl	9.333	154	591814	49.224	ng		99
47) 2-Chloronaphthalene	9.357	162	439384	48.231	ng		99
48) 2-Nitroaniline	9.463	65	140080	47.905	ng		95
49) Acenaphthylene	9.775	152	720242	52.326	ng		100
50) Dimethylphthalate	9.633	163	546012	51.484	ng		100
51) 2,6-Dinitrotoluene	9.704	165	116862	48.586	ng		95
52) Acenaphthene	9.945	154	433534	49.570	ng		100
53) 3-Nitroaniline	9.875	138	76443	32.495	ng		97
54) 2,4-Dinitrophenol	9.992	184	120252	94.917	ng		97
55) Dibenzofuran	10.122	168	660806	49.535	ng		99
56) 4-Nitrophenol	10.057	139	136189	84.886	ng		95
57) 2,4-Dinitrotoluene	10.116	165	159061	49.758	ng	#	92
58) Fluorene	10.463	166	530789	49.570	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	135685	54.993	ng		92
60) Diethylphthalate	10.333	149	552011	51.229	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	268199	51.038	ng		99
62) 4-Nitroaniline	10.498	138	116609	47.262	ng		98
63) Azobenzene	10.616	77	517413	50.706	ng		98
65) 4,6-Dinitro-2-methylph...	10.528	198	88952	55.688	ng		94
66) n-Nitrosodiphenylamine	10.575	169	467920	50.619	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	164095	50.975	ng		94
68) Hexachlorobenzene	11.016	284	182649	49.001	ng		100
69) Atrazine	11.104	200	144895	55.718	ng		99
70) Pentachlorophenol	11.216	266	146015	89.004	ng		99
71) Phenanthrene	11.433	178	761784	50.699	ng		99
72) Anthracene	11.480	178	776530	52.832	ng		100
73) Carbazole	11.639	167	708398	50.100	ng		100
74) Di-n-butylphthalate	11.957	149	853495	52.284	ng		100
75) Fluoranthene	12.621	202	839437	51.455	ng		99
77) Benzidine	12.745	184	178899	30.055	ng		99
78) Pyrene	12.851	202	860738	45.470	ng		99
80) Butylbenzylphthalate	13.463	149	344632	50.538	ng		99
81) Benzo(a)anthracene	14.051	228	706841	52.156	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	151774	37.301	ng		100
83) Chrysene	14.086	228	625800	50.500	ng		100
84) Bis(2-ethylhexyl)phtha...	14.021	149	446072	51.804	ng		99
85) Di-n-octyl phthalate	14.651	149	627308	53.307	ng		97
87) Indeno(1,2,3-cd)pyrene	17.092	276	547725	50.857	ng		99
88) Benzo(b)fluoranthene	15.127	252	504983	48.648	ng		100
89) Benzo(k)fluoranthene	15.157	252	507934	55.917	ng		99
90) Benzo(a)pyrene	15.504	252	463606	54.930	ng		99
91) Dibenzo(a,h)anthracene	17.104	278	448673	50.869	ng		100
92) Benzo(g,h,i)perylene	17.551	276	412062	45.783	ng		99

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

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