Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF140986.D
Acq On : 27 Dec 2024 10:30
Operator : RC/JU
Sample : PB165790BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 27 11:25:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB165790BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
12/30/2024
Supervised By :mohammad ahmed
12/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	261156	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1063123	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	574048	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	946299	20.000	ng	0.00
76) Chrysene-d12	13.986	240	675865	20.000	ng	0.00
86) Perylene-d12	15.439	264	556523	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	2304194	132.997	ng	0.01
7) Phenol-d6	6.451	99	2952046	132.269	ng	0.00
23) Nitrobenzene-d5	7.393	82	1805232	108.637	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	839700	150.536	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	3179773	88.253	ng	0.00
79) Terphenyl-d14	12.933	244	3667210	90.125	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	331421	42.253	ng	99
3) Pyridine	3.405	79	871005	45.439	ng	100
4) n-Nitrosodimethylamine	3.352	42	467012	48.084	ng	100
6) Aniline	6.487	93	905142	45.473	ng	98
8) 2-Chlorophenol	6.610	128	913187	49.993	ng	99
9) Benzaldehyde	6.375	77	197600	12.400	ng	97
10) Phenol	6.469	94	1149507	49.810	ng	97
11) bis(2-Chloroethyl)ether	6.563	93	862201	46.270	ng	99
12) 1,3-Dichlorobenzene	6.769	146	915505	45.415	ng	99
13) 1,4-Dichlorobenzene	6.846	146	931646	45.845	ng	100
14) 1,2-Dichlorobenzene	6.998	146	898301	47.411	ng	98
15) Benzyl Alcohol	6.969	79	796662	49.673	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1392551	49.416	ng	99
17) 2-Methylphenol	7.075	107	744296	49.047	ng	99
18) Hexachloroethane	7.340	117	342810	47.487	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	646290	47.267	ng	99
20) 3+4-Methylphenols	7.228	107	916761	47.739	ng	93
22) Acetophenone	7.240	105	1194058	45.785	ng	99
24) Nitrobenzene	7.410	77	943351	50.806	ng	98
25) Isophorone	7.651	82	1741718	48.168	ng	100
26) 2-Nitrophenol	7.728	139	398990	51.945	ng	98
27) 2,4-Dimethylphenol	7.757	122	742552	56.189	ng	98
28) bis(2-Chloroethoxy)met...	7.863	93	1061221	46.321	ng	100
29) 2,4-Dichlorophenol	7.963	162	727055	48.509	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	754054	44.450	ng	100
31) Naphthalene	8.134	128	2578516	46.028	ng	100
32) Benzoic acid	7.875	122	516972	47.610	ng	98
33) 4-Chloroaniline	8.175	127	406674	20.066	ng	99
34) Hexachlorobutadiene	8.251	225	447591	44.755	ng	99
35) Caprolactam	8.545	113	246561m	48.390	ng	
36) 4-Chloro-3-methylphenol	8.651	107	792766	47.628	ng	99
37) 2-Methylnaphthalene	8.822	142	1662646	46.393	ng	100
38) 1-Methylnaphthalene	8.922	142	1557262	44.214	ng	100
40) 1,2,4,5-Tetrachloroben...	8.987	216	716972	45.399	ng	99
41) Hexachlorocyclopentadiene	8.975	237	866738	165.612	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	536226	51.016	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	502104	46.687	ng		99
46) 1,1'-Biphenyl	9.287	154	2022375	46.011	ng		100
47) 2-Chloronaphthalene	9.310	162	1524945	44.733	ng		100
48) 2-Nitroaniline	9.404	65	473616	52.613	ng		95
49) Acenaphthylene	9.728	152	2393074	48.765	ng		99
50) Dimethylphthalate	9.586	163	1789506	47.393	ng		100
51) 2,6-Dinitrotoluene	9.645	165	391451	50.619	ng		99
52) Acenaphthene	9.898	154	1677363	50.559	ng		100
53) 3-Nitroaniline	9.810	138	264204	32.669	ng	#	97
54) 2,4-Dinitrophenol	9.916	184	318932	95.468	ng	#	1
55) Dibenzofuran	10.069	168	2176166	46.675	ng		100
56) 4-Nitrophenol	9.969	139	717401	111.071	ng		97
57) 2,4-Dinitrotoluene	10.051	165	510765	53.623	ng		98
58) Fluorene	10.410	166	1636276	45.258	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	457120	51.321	ng		99
60) Diethylphthalate	10.292	149	1730880	46.433	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	784381	45.088	ng		100
62) 4-Nitroaniline	10.428	138	416991	49.715	ng		97
63) Azobenzene	10.563	77	1819316	46.498	ng		99
65) 4,6-Dinitro-2-methylph...	10.457	198	221868	56.701	ng		95
66) n-Nitrosodiphenylamine	10.522	169	1498997	50.304	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	516208	50.462	ng		99
68) Hexachlorobenzene	10.957	284	557548	49.429	ng		99
69) Atrazine	11.051	200	510985	61.381	ng		99
70) Pentachlorophenol	11.151	266	701410	99.875	ng		99
71) Phenanthrene	11.375	178	2487437	49.944	ng		100
72) Anthracene	11.428	178	2525629	51.752	ng		99
73) Carbazole	11.575	167	2309370	49.225	ng		100
74) Di-n-butylphthalate	11.916	149	2619826	49.097	ng		100
75) Fluoranthene	12.557	202	2606996	48.263	ng		100
77) Benzidine	12.680	184	796437	55.758	ng		99
78) Pyrene	12.786	202	2683823	45.404	ng		100
80) Butylbenzylphthalate	13.416	149	1072079	49.670	ng		99
81) Benzo(a)anthracene	13.974	228	2212625	46.973	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	394108	27.848	ng		99
83) Chrysene	14.016	228	1936206	45.598	ng		100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1343005	47.969	ng		100
85) Di-n-octyl phthalate	14.592	149	2097093	51.752	ng		99
87) Indeno(1,2,3-cd)pyrene	16.892	276	1887319	53.828	ng		99
88) Benzo(b)fluoranthene	15.021	252	1767530	45.538	ng		99
89) Benzo(k)fluoranthene	15.051	252	1623474	53.367	ng		99
90) Benzo(a)pyrene	15.380	252	1568457	52.062	ng		99
91) Dibenzo(a,h)anthracene	16.915	278	1518414	53.424	ng		99
92) Benzo(g,h,i)perylene	17.333	276	1432292	48.588	ng		100

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

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