Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF140984.D
Acq On : 27 Dec 2024 09:37
Operator : RC/JU
Sample : PB165785BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 27 10:37:50 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 :
PB165785BSD

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	253959	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1016110	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	532106	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	904810	20.000	ng	0.00
76) Chrysene-d12	13.992	240	628438	20.000	ng	0.00
86) Perylene-d12	15.445	264	514184	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	2354354	139.743	ng	0.01
7) Phenol-d6	6.451	99	3017465	139.031	ng	0.00
23) Nitrobenzene-d5	7.392	82	1850100	116.489	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	860215	166.370	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3260609	97.630	ng	0.00
79) Terphenyl-d14	12.939	244	3760105	99.382	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	326794	42.844	ng	99
3) Pyridine	3.398	79	871449	46.750	ng	100
4) n-Nitrosodimethylamine	3.351	42	471790	49.953	ng	99
6) Aniline	6.492	93	1014696	52.422	ng	99
8) 2-Chlorophenol	6.610	128	934757	52.625	ng	98
9) Benzaldehyde	6.375	77	200411	13.382	ng	99
10) Phenol	6.469	94	1167442	52.021	ng	96
11) bis(2-Chloroethyl)ether	6.563	93	880951	48.616	ng	100
12) 1,3-Dichlorobenzene	6.769	146	930103	47.447	ng	99
13) 1,4-Dichlorobenzene	6.845	146	948856	48.015	ng	100
14) 1,2-Dichlorobenzene	6.998	146	914577	49.637	ng	98
15) Benzyl Alcohol	6.969	79	812513	52.097	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1411383	51.504	ng	100
17) 2-Methylphenol	7.075	107	754906	51.156	ng	99
18) Hexachloroethane	7.339	117	347015	49.432	ng	96
19) n-Nitroso-di-n-propyla...	7.245	70	663541	49.904	ng	100
20) 3+4-Methylphenols	7.228	107	920700	49.303	ng	94
22) Acetophenone	7.239	105	1222617	49.049	ng	98
24) Nitrobenzene	7.410	77	950854	53.579	ng	98
25) Isophorone	7.651	82	1764078	51.043	ng	99
26) 2-Nitrophenol	7.728	139	411742	55.663	ng	99
27) 2,4-Dimethylphenol	7.757	122	756202	59.870	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	1071039	48.913	ng	100
29) 2,4-Dichlorophenol	7.963	162	737582	51.488	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	767712	47.349	ng	99
31) Naphthalene	8.133	128	2602954	48.614	ng	100
32) Benzoic acid	7.875	122	523309	49.969	ng	98
33) 4-Chloroaniline	8.175	127	526677	27.190	ng	99
34) Hexachlorobutadiene	8.251	225	457137	47.825	ng	99
35) Caprolactam	8.539	113	247248m	50.770	ng	
36) 4-Chloro-3-methylphenol	8.651	107	800376	50.310	ng	99
37) 2-Methylnaphthalene	8.822	142	1696109	49.517	ng	99
38) 1-Methylnaphthalene	8.922	142	1578659	46.895	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	733010	50.073	ng	99
41) Hexachlorocyclopentadiene	8.975	237	882584	181.932	ng	100
43) 2,4,6-Trichlorophenol	9.098	196	540952	55.522	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	507405	50.899	ng		99
46) 1,1'-Biphenyl	9.286	154	2035161	49.951	ng		100
47) 2-Chloronaphthalene	9.310	162	1533251	48.522	ng		100
48) 2-Nitroaniline	9.404	65	476212	56.678	ng		95
49) Acenaphthylene	9.727	152	2375936	52.232	ng		99
50) Dimethylphthalate	9.592	163	1795249	51.292	ng		100
51) 2,6-Dinitrotoluene	9.645	165	388369	53.922	ng		99
52) Acenaphthene	9.898	154	1705489	55.459	ng		99
53) 3-Nitroaniline	9.810	138	291246	38.233	ng	#	98
54) 2,4-Dinitrophenol	9.916	184	318129	100.185	ng	#	1
55) Dibenzofuran	10.069	168	2177855	50.393	ng		100
56) 4-Nitrophenol	9.969	139	726570	121.357	ng		97
57) 2,4-Dinitrotoluene	10.051	165	510146	57.431	ng		99
58) Fluorene	10.410	166	1639301	48.915	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	458456	55.529	ng		98
60) Diethylphthalate	10.292	149	1738608	50.317	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	790171	49.001	ng		99
62) 4-Nitroaniline	10.427	138	413701	52.975	ng		97
63) Azobenzene	10.569	77	1841461	50.774	ng		99
65) 4,6-Dinitro-2-methylph...	10.457	198	222859	59.094	ng		93
66) n-Nitrosodiphenylamine	10.522	169	1501114	52.685	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	516293	52.784	ng		97
68) Hexachlorobenzene	10.957	284	559415	51.868	ng		99
69) Atrazine	11.051	200	517970	65.073	ng		99
70) Pentachlorophenol	11.151	266	718542	107.006	ng		100
71) Phenanthrene	11.374	178	2494109	52.374	ng		100
72) Anthracene	11.427	178	2515336	53.905	ng		99
73) Carbazole	11.580	167	2291026	51.073	ng		100
74) Di-n-butylphthalate	11.916	149	2610419	51.163	ng		100
75) Fluoranthene	12.563	202	2568604	49.733	ng		99
77) Benzidine	12.680	184	872472	65.691	ng		99
78) Pyrene	12.786	202	2709587	49.299	ng		99
80) Butylbenzylphthalate	13.415	149	1066014	53.116	ng		98
81) Benzo(a)anthracene	13.980	228	2150700	49.104	ng		100
82) 3,3'-Dichlorobenzidine	13.945	252	455155	34.589	ng		99
83) Chrysene	14.015	228	1987581	50.340	ng		99
84) Bis(2-ethylhexyl)phtha...	13.980	149	1354190	52.018	ng		100
85) Di-n-octyl phthalate	14.598	149	2091584	55.511	ng		100
87) Indeno(1,2,3-cd)pyrene	16.904	276	1866789	57.626	ng		99
88) Benzo(b)fluoranthene	15.027	252	1746067	48.689	ng		99
89) Benzo(k)fluoranthene	15.057	252	1634528	58.154	ng		99
90) Benzo(a)pyrene	15.386	252	1548637	55.637	ng		98
91) Dibenzo(a,h)anthracene	16.921	278	1507250	57.398	ng		100
92) Benzo(g,h,i)perylene	17.339	276	1435370	52.701	ng		100

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

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