Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
Data File : BF136713.D
Acq On : 26 Dec 2023 11:47
Operator : CG\JU
Sample : PB157949BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 26 12:05:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB157949BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.786	152	99443	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	386198	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	191720	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	362486	20.000	ng		0.00
76) Chrysene-d12	13.968	240	193699	20.000	ng		0.00
86) Perylene-d12	15.445	264	169585	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	734136	115.188	ng		0.01
7) Phenol-d6	6.445	99	908003	109.949	ng		0.00
23) Nitrobenzene-d5	7.357	82	569725	75.488	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	253502	112.272	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	1094713	76.798	ng		0.00
79) Terphenyl-d14	12.910	244	1070277	77.217	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	80631	30.363	ng		98
3) Pyridine	3.381	79	183609	28.338	ng		95
4) n-Nitrosodimethylamine	3.340	42	130779	37.797	ng		95
6) Aniline	6.457	93	235625	28.537	ng	#	1
8) 2-Chlorophenol	6.581	128	287502	41.221	ng		96
9) Benzaldehyde	6.339	77	86643	18.445	ng		99
10) Phenol	6.457	94	332464	37.712	ng		95
11) bis(2-Chloroethyl)ether	6.528	93	272353	40.623	ng		99
12) 1,3-Dichlorobenzene	6.728	146	280164	36.822	ng		99
13) 1,4-Dichlorobenzene	6.804	146	288386	37.095	ng		99
14) 1,2-Dichlorobenzene	6.957	146	276405	38.209	ng		98
15) Benzyl Alcohol	6.939	79	236913	42.523	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	427655	39.015	ng		79
17) 2-Methylphenol	7.057	107	222423	38.495	ng	#	93
18) Hexachloroethane	7.292	117	104540	37.027	ng		96
19) n-Nitroso-di-n-propyla...	7.210	70	191157	38.184	ng		96
20) 3+4-Methylphenols	7.210	107	274704	38.055	ng	#	59
22) Acetophenone	7.198	105	392334	40.530	ng		92
24) Nitrobenzene	7.375	77	286616	37.911	ng		95
25) Isophorone	7.610	82	531549	38.706	ng		99
26) 2-Nitrophenol	7.686	139	148511	41.057	ng		98
27) 2,4-Dimethylphenol	7.728	122	244046	55.418	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	329329	39.452	ng		99
29) 2,4-Dichlorophenol	7.933	162	225942	39.853	ng		97
30) 1,2,4-Trichlorobenzene	8.010	180	245593	38.879	ng		98
31) Naphthalene	8.086	128	810239	38.189	ng		99
32) Benzoic acid	7.886	122	184594	43.323	ng		100
33) 4-Chloroaniline	8.145	127	201491	25.721	ng		97
34) Hexachlorobutadiene	8.198	225	143988	37.518	ng		99
35) Caprolactam	8.528	113	78025m	41.718	ng		
36) 4-Chloro-3-methylphenol	8.639	107	251212	39.359	ng		99
37) 2-Methylnaphthalene	8.780	142	517998	37.936	ng		99
38) 1-Methylnaphthalene	8.880	142	480533	35.871	ng		100
40) 1,2,4,5-Tetrachloroben...	8.945	216	247128	41.622	ng		99
41) Hexachlorocyclopentadiene	8.928	237	149803	79.183	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	160241	42.082	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	174291	41.075	ng		96
46) 1,1'-Biphenyl	9.245	154	652920	40.584	ng		99
47) 2-Chloronaphthalene	9.269	162	482824	39.477	ng		100
48) 2-Nitroaniline	9.375	65	158744	41.448	ng		95
49) Acenaphthylene	9.686	152	759279	40.616	ng		99
50) Dimethylphthalate	9.551	163	568693	40.610	ng		98
51) 2,6-Dinitrotoluene	9.616	165	125798	39.582	ng	#	83
52) Acenaphthene	9.863	154	455141	39.276	ng		99
53) 3-Nitroaniline	9.786	138	104042	30.904	ng		97
54) 2,4-Dinitrophenol	9.904	184	145114	82.274	ng		89
55) Dibenzofuran	10.033	168	685553	39.027	ng		98
56) 4-Nitrophenol	9.969	139	187781	82.625	ng		95
57) 2,4-Dinitrotoluene	10.027	165	154900	37.544	ng		95
58) Fluorene	10.374	166	549678	39.437	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	145817	44.642	ng		98
60) Diethylphthalate	10.257	149	567576	39.063	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	260428	38.441	ng		97
62) 4-Nitroaniline	10.410	138	119414m	36.793	ng		
63) Azobenzene	10.527	77	531148	39.139	ng		98
65) 4,6-Dinitro-2-methylph...	10.439	198	95230	45.841	ng		93
66) n-Nitrosodiphenylamine	10.492	169	488538	41.489	ng		100
67) 4-Bromophenyl-phenylether	10.857	248	161843	40.203	ng		98
68) Hexachlorobenzene	10.927	284	176583	39.361	ng		95
69) Atrazine	11.027	200	183595	60.960	ng		99
70) Pentachlorophenol	11.127	266	168899	80.770	ng		98
71) Phenanthrene	11.345	178	769035	41.347	ng		99
72) Anthracene	11.392	178	776029	41.199	ng		99
73) Carbazole	11.551	167	715742	40.303	ng		100
74) Di-n-butylphthalate	11.880	149	871800	40.230	ng		99
75) Fluoranthene	12.533	202	777045	39.057	ng		97
77) Benzidine	12.657	184	59496	10.417	ng		98
78) Pyrene	12.763	202	771720	40.585	ng		99
80) Butylbenzylphthalate	13.386	149	300832	43.479	ng		96
81) Benzo(a)anthracene	13.957	228	564306	41.955	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	160617	42.049	ng	#	97
83) Chrysene	13.998	228	529534	40.260	ng		98
84) Bis(2-ethylhexyl)phtha...	13.951	149	384979	44.224	ng		98
85) Di-n-octyl phthalate	14.568	149	616149	45.757	ng		99
87) Indeno(1,2,3-cd)pyrene	16.962	276	605089	49.418	ng		99
88) Benzo(b)fluoranthene	15.015	252	525691	46.412	ng		99
89) Benzo(k)fluoranthene	15.045	252	444546	41.536	ng		99
90) Benzo(a)pyrene	15.386	252	423217	44.265	ng		99
91) Dibenzo(a,h)anthracene	16.980	278	505258	50.298	ng		96
92) Benzo(g,h,i)perylene	17.421	276	512506	49.814	ng		98

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

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