Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
Data File : BF136652.D
Acq On : 20 Dec 2023 17:30
Operator : CG\JU
Sample : PB157610BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 21 02:17:29 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 :
PB157610BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	94726	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	388631	20.000	ng		0.00
39) Acenaphthene-d10	9.827	164	198230	20.000	ng		0.00
64) Phenanthrene-d10	11.321	188	379715	20.000	ng		0.00
76) Chrysene-d12	13.974	240	208632	20.000	ng	#	0.00
86) Perylene-d12	15.445	264	157526	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	717224	118.138	ng		0.02
7) Phenol-d6	6.445	99	881132	112.009	ng		0.00
23) Nitrobenzene-d5	7.363	82	561894	73.985	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	261492	112.007	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1058450	71.816	ng		0.00
79) Terphenyl-d14	12.915	244	1127136	75.498	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.645	88	74405	29.414	ng		99
3) Pyridine	3.410	79	181985	29.486	ng		96
4) n-Nitrosodimethylamine	3.375	42	136958	41.554	ng		95
6) Aniline	6.457	93	204356	25.983	ng	#	1
8) 2-Chlorophenol	6.580	128	284238	42.783	ng		98
9) Benzaldehyde	6.345	77	73797	16.493	ng		98
10) Phenol	6.457	94	326203	38.844	ng		91
11) bis(2-Chloroethyl)ether	6.533	93	264883	41.476	ng		99
12) 1,3-Dichlorobenzene	6.733	146	279038	38.500	ng		98
13) 1,4-Dichlorobenzene	6.810	146	280310	37.852	ng		99
14) 1,2-Dichlorobenzene	6.963	146	269544	39.116	ng		98
15) Benzyl Alcohol	6.945	79	228672	43.088	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	430047	41.187	ng		97
17) 2-Methylphenol	7.057	107	225264	40.928	ng		98
18) Hexachloroethane	7.298	117	103645	38.538	ng		98
19) n-Nitroso-di-n-propyla...	7.216	70	193445	40.566	ng		96
20) 3+4-Methylphenols	7.210	107	269154	39.143	ng	#	77
22) Acetophenone	7.204	105	383501	39.370	ng		99
24) Nitrobenzene	7.380	77	292873	38.496	ng		95
25) Isophorone	7.616	82	533317	38.592	ng		99
26) 2-Nitrophenol	7.692	139	147483	40.518	ng		99
27) 2,4-Dimethylphenol	7.733	122	225029	50.780	ng		99
28) bis(2-Chloroethoxy)met...	7.827	93	328858	39.149	ng		100
29) 2,4-Dichlorophenol	7.933	162	225228	39.478	ng		99
30) 1,2,4-Trichlorobenzene	8.010	180	242312	38.120	ng		98
31) Naphthalene	8.092	128	807597	37.826	ng		100
32) Benzoic acid	7.880	122	180073	41.997	ng		97
33) 4-Chloroaniline	8.145	127	194184	24.633	ng		98
34) Hexachlorobutadiene	8.204	225	139027	35.998	ng		98
35) Caprolactam	8.527	113	76678m	40.741	ng		
36) 4-Chloro-3-methylphenol	8.639	107	253485	39.467	ng		99
37) 2-Methylnaphthalene	8.786	142	515848	37.542	ng		99
38) 1-Methylnaphthalene	8.886	142	487821	36.187	ng		100
40) 1,2,4,5-Tetrachloroben...	8.951	216	236111	38.460	ng		97
41) Hexachlorocyclopentadiene	8.933	237	191741	96.857	ng		98
43) 2,4,6-Trichlorophenol	9.069	196	159809	40.590	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	176257	40.174	ng	#	93
46) 1,1'-Biphenyl	9.251	154	642564	38.628	ng		99
47) 2-Chloronaphthalene	9.274	162	480890	38.028	ng		100
48) 2-Nitroaniline	9.374	65	165034	41.675	ng		99
49) Acenaphthylene	9.692	152	770477	39.861	ng		99
50) Dimethylphthalate	9.557	163	582465	40.228	ng		99
51) 2,6-Dinitrotoluene	9.621	165	125598	38.221	ng		88
52) Acenaphthene	9.863	154	460956	38.472	ng		99
53) 3-Nitroaniline	9.792	138	113944	32.733	ng		94
54) 2,4-Dinitrophenol	9.904	184	151802	83.196	ng	#	87
55) Dibenzofuran	10.039	168	692089	38.105	ng		99
56) 4-Nitrophenol	9.969	139	198066	84.288	ng		94
57) 2,4-Dinitrotoluene	10.027	165	163684	38.370	ng		94
58) Fluorene	10.380	166	558107	38.727	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.157	232	149065	44.137	ng		99
60) Diethylphthalate	10.263	149	591158	39.350	ng		99
61) 4-Chlorophenyl-phenyle...	10.374	204	257911	36.819	ng		96
62) 4-Nitroaniline	10.416	138	124776m	37.183	ng		
63) Azobenzene	10.533	77	549620	39.170	ng		98
65) 4,6-Dinitro-2-methylph...	10.439	198	95087	43.695	ng		96
66) n-Nitrosodiphenylamine	10.498	169	502343	40.725	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	165157	39.164	ng		99
68) Hexachlorobenzene	10.927	284	181454	38.612	ng		96
69) Atrazine	11.027	200	126787	40.187	ng		99
70) Pentachlorophenol	11.127	266	164464	75.081	ng		96
71) Phenanthrene	11.345	178	796533	40.883	ng		99
72) Anthracene	11.398	178	799049	40.496	ng		99
73) Carbazole	11.557	167	739195	39.735	ng		99
74) Di-n-butylphthalate	11.886	149	925185	40.756	ng		99
75) Fluoranthene	12.539	202	823800	39.529	ng		99
77) Benzidine	12.662	184	31998	5.202	ng		97
78) Pyrene	12.768	202	825723	40.317	ng		100
80) Butylbenzylphthalate	13.392	149	323712	43.438	ng		99
81) Benzo(a)anthracene	13.962	228	579726	40.016	ng		100
82) 3,3'-Dichlorobenzidine	13.927	252	164122	39.891	ng		100
83) Chrysene	13.998	228	553716	39.085	ng		98
84) Bis(2-ethylhexyl)phtha...	13.951	149	398791	42.531	ng		99
85) Di-n-octyl phthalate	14.568	149	618738	42.660	ng		99
87) Indeno(1,2,3-cd)pyrene	16.950	276	554947	48.793	ng		99
88) Benzo(b)fluoranthene	15.015	252	467428	44.427	ng		99
89) Benzo(k)fluoranthene	15.045	252	463212	46.593	ng		99
90) Benzo(a)pyrene	15.386	252	406794	45.805	ng		98
91) Dibenzo(a,h)anthracene	16.974	278	463520	49.676	ng		97
92) Benzo(g,h,i)perylene	17.409	276	461370	48.277	ng		99

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

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