Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
Data File : BF136243.D
Acq On : 28 Nov 2023 11:55
Operator : CG\JU
Sample : PB157019BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 28 12:38:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB157019BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	144538	20.000	ng		0.00
21) Naphthalene-d8	8.086	136	633277	20.000	ng		0.00
39) Acenaphthene-d10	9.845	164	328824	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	577886	20.000	ng		0.00
76) Chrysene-d12	13.986	240	274569	20.000	ng		0.00
86) Perylene-d12	15.468	264	276159	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	1402878	135.092	ng		0.01
7) Phenol-d6	6.451	99	1697269	130.714	ng		0.00
23) Nitrobenzene-d5	7.369	82	1044263	87.138	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	516425	128.459	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	2151030	83.556	ng		0.00
79) Terphenyl-d14	12.933	244	2045238	85.922	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	160966	40.966	ng		98
3) Pyridine	3.434	79	357792	36.888	ng		96
4) n-Nitrosodimethylamine	3.398	42	210548	42.943	ng		97
6) Aniline	6.475	93	502000	40.904	ng		96
8) 2-Chlorophenol	6.592	128	523546	46.302	ng		96
9) Benzaldehyde	6.357	77	84654	11.697	ng		97
10) Phenol	6.463	94	649511	46.626	ng		94
11) bis(2-Chloroethyl)ether	6.551	93	471385	46.127	ng		97
12) 1,3-Dichlorobenzene	6.745	146	558208	43.502	ng		97
13) 1,4-Dichlorobenzene	6.822	146	568574	43.587	ng		98
14) 1,2-Dichlorobenzene	6.975	146	534395	43.273	ng		98
15) Benzyl Alcohol	6.951	79	423242	46.491	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	634821	44.722	ng		100
17) 2-Methylphenol	7.063	107	418256	47.051	ng		97
18) Hexachloroethane	7.316	117	194810	42.576	ng		92
19) n-Nitroso-di-n-propyla...	7.222	70	353036	45.460	ng		99
20) 3+4-Methylphenols	7.216	107	518139	44.848	ng		97
22) Acetophenone	7.216	105	760515	45.726	ng	#	97
24) Nitrobenzene	7.386	77	517421	42.605	ng		98
25) Isophorone	7.628	82	961599	44.500	ng		99
26) 2-Nitrophenol	7.698	139	253635	49.017	ng		94
27) 2,4-Dimethylphenol	7.739	122	444945	65.331	ng		98
28) bis(2-Chloroethoxy)met...	7.839	93	579626	44.345	ng		99
29) 2,4-Dichlorophenol	7.939	162	429060	46.706	ng		95
30) 1,2,4-Trichlorobenzene	8.022	180	486162	43.225	ng		99
31) Naphthalene	8.104	128	1576483	44.289	ng		99
32) Benzoic acid	7.875	122	298854	48.147	ng		98
33) 4-Chloroaniline	8.157	127	426894	35.283	ng		98
34) Hexachlorobutadiene	8.222	225	269813	41.005	ng		98
35) Caprolactam	8.533	113	119669m	46.599	ng		
36) 4-Chloro-3-methylphenol	8.639	107	447895	44.955	ng		99
37) 2-Methylnaphthalene	8.798	142	977945	43.798	ng		99
38) 1-Methylnaphthalene	8.898	142	902604	41.438	ng		97
40) 1,2,4,5-Tetrachloroben...	8.963	216	464102	44.349	ng		99
41) Hexachlorocyclopentadiene	8.951	237	558056	138.589	ng		98
43) 2,4,6-Trichlorophenol	9.075	196	306381	45.106	ng		96

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44) 2,4,5-Trichlorophenol	9.122	196	320062	43.179	ng		97
46) 1,1'-Biphenyl	9.263	154	1291292	44.531	ng		98
47) 2-Chloronaphthalene	9.286	162	960882	42.670	ng		98
48) 2-Nitroaniline	9.386	65	267708	45.534	ng		94
49) Acenaphthylene	9.704	152	1452045	45.184	ng		100
50) Dimethylphthalate	9.575	163	1091737	43.928	ng		100
51) 2,6-Dinitrotoluene	9.633	165	224557	44.227	ng		96
52) Acenaphthene	9.880	154	887969	43.725	ng		99
53) 3-Nitroaniline	9.798	138	186149	36.950	ng		99
54) 2,4-Dinitrophenol	9.910	184	228412	96.728	ng		93
55) Dibenzofuran	10.051	168	1322435	43.761	ng		100
56) 4-Nitrophenol	9.969	139	316821	82.801	ng		88
57) 2,4-Dinitrotoluene	10.039	165	303731	44.784	ng		99
58) Fluorene	10.392	166	1026908	43.323	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.169	232	266523	45.190	ng		99
60) Diethylphthalate	10.275	149	1061744	42.707	ng		100
61) 4-Chlorophenyl-phenyle...	10.386	204	490955	42.650	ng		97
62) 4-Nitroaniline	10.422	138	200238	40.605	ng		95
63) Azobenzene	10.551	77	987764	42.857	ng		97
65) 4,6-Dinitro-2-methylph...	10.445	198	150756	47.705	ng		90
66) n-Nitrosodiphenylamine	10.510	169	869516	46.952	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	308423	45.747	ng		96
68) Hexachlorobenzene	10.939	284	349405	44.779	ng	#	92
69) Atrazine	11.039	200	165965	30.210	ng		98
70) Pentachlorophenol	11.139	266	362765	82.247	ng		97
71) Phenanthrene	11.363	178	1501142	46.218	ng		100
72) Anthracene	11.410	178	1514801	46.507	ng		100
73) Carbazole	11.569	167	1164857	42.049	ng		99
74) Di-n-butylphthalate	11.904	149	1535194	44.291	ng		100
75) Fluoranthene	12.551	202	1346223	40.829	ng		98
77) Benzidine	12.674	184	191910	42.520	ng		99
78) Pyrene	12.780	202	1324727	44.055	ng		99
80) Butylbenzylphthalate	13.410	149	433292	46.299	ng		96
81) Benzo(a)anthracene	13.974	228	944829	46.329	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	289331	58.937	ng		99
83) Chrysene	14.015	228	907013	46.062	ng		98
84) Bis(2-ethylhexyl)phtha...	13.980	149	555416	49.452	ng	#	98
85) Di-n-octyl phthalate	14.598	149	1000153	54.095	ng		99
87) Indeno(1,2,3-cd)pyrene	16.974	276	945724	45.937	ng		100
88) Benzo(b)fluoranthene	15.033	252	940644	48.550	ng		99
89) Benzo(k)fluoranthene	15.068	252	868202	47.181	ng		99
90) Benzo(a)pyrene	15.404	252	772304	48.761	ng		99
91) Dibenzo(a,h)anthracene	16.998	278	771090	46.624	ng		100
92) Benzo(g,h,i)perylene	17.433	276	754583	45.492	ng		99

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

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