Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135777.D
Acq On : 16 Oct 2023 15:16
Operator : CG\JU
Sample : 04830-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 17 01:33:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RT-2327MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.740	152	92195	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	352215	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	172581	20.000	ng		-0.01
64) Phenanthrene-d10	11.275	188	325125	20.000	ng		0.00
76) Chrysene-d12	13.939	240	171118	20.000	ng		-0.01
86) Perylene-d12	15.416	264	218941	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	545029	95.045	ng		0.00
7) Phenol-d6	6.393	99	664423	92.862	ng		0.00
23) Nitrobenzene-d5	7.310	82	417065	65.126	ng		0.00
42) 2,4,6-Tribromophenol	10.575	330	162207	97.948	ng		-0.01
45) 2-Fluorobiphenyl	9.098	172	682535	61.835	ng		0.00
79) Terphenyl-d14	12.869	244	663426	71.799	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.475	88	127334	46.036	ng		99
3) Pyridine	3.228	79	270922	39.920	ng		96
4) n-Nitrosodimethylamine	3.193	42	175553	48.102	ng		98
6) Aniline	6.404	93	256166	28.450	ng	#	22
8) 2-Chlorophenol	6.528	128	310566	50.223	ng		97
9) Benzaldehyde	6.298	77	134592	33.050	ng		98
10) Phenol	6.404	94	372168	49.642	ng		86
11) bis(2-Chloroethyl)ether	6.481	93	290292	48.056	ng		99
12) 1,3-Dichlorobenzene	6.675	146	315385	50.308	ng		99
13) 1,4-Dichlorobenzene	6.757	146	320140	50.409	ng		98
14) 1,2-Dichlorobenzene	6.904	146	294571	51.514	ng		100
15) Benzyl Alcohol	6.893	79	246074	51.724	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	531148	48.617	ng		86
17) 2-Methylphenol	7.010	107	246659	46.077	ng		94
18) Hexachloroethane	7.240	117	120612	52.380	ng		95
19) n-Nitroso-di-n-propyla...	7.157	70	203125	45.914	ng		100
20) 3+4-Methylphenols	7.163	107	322765	48.364	ng		95
22) Acetophenone	7.151	105	427428	52.914	ng	#	98
24) Nitrobenzene	7.328	77	323931	50.400	ng		99
25) Isophorone	7.563	82	589188	48.767	ng		100
26) 2-Nitrophenol	7.645	139	163768	52.212	ng		94
27) 2,4-Dimethylphenol	7.687	122	237962	46.085	ng		99
28) bis(2-Chloroethoxy)met...	7.775	93	362514	50.384	ng		99
29) 2,4-Dichlorophenol	7.892	162	254980	52.694	ng		98
30) 1,2,4-Trichlorobenzene	7.963	180	258723	52.276	ng		99
31) Naphthalene	8.040	128	877190	51.060	ng		98
32) Benzoic acid	7.840	122	163742	46.848	ng		96
33) 4-Chloroaniline	8.104	127	95045	12.665	ng		98
34) Hexachlorobutadiene	8.151	225	152351	52.007	ng		99
35) Caprolactam	8.487	113	84618m	51.153	ng		
36) 4-Chloro-3-methylphenol	8.598	107	257837	48.048	ng		100
37) 2-Methylnaphthalene	8.734	142	524316	46.323	ng		100
38) 1-Methylnaphthalene	8.834	142	496854	47.593	ng		98
40) 1,2,4,5-Tetrachloroben...	8.904	216	258357	52.042	ng		99
41) Hexachlorocyclopentadiene	8.881	237	69550	73.321	ng		96
43) 2,4,6-Trichlorophenol	9.022	196	160663	50.222	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	174646	46.937	ng		96
46) 1,1'-Biphenyl	9.198	154	674935	51.054	ng		98
47) 2-Chloronaphthalene	9.228	162	483535	50.751	ng		97
48) 2-Nitroaniline	9.334	65	188913	50.233	ng		95
49) Acenaphthylene	9.639	152	827083	52.456	ng		99
50) Dimethylphthalate	9.504	163	591365	50.759	ng		100
51) 2,6-Dinitrotoluene	9.581	165	131080	52.320	ng		91
52) Acenaphthene	9.810	154	488858	51.728	ng		98
53) 3-Nitroaniline	9.751	138	96823	31.526	ng		94
54) 2,4-Dinitrophenol	9.875	184	105148	100.543	ng		94
55) Dibenzofuran	9.986	168	734602	51.517	ng		100
56) 4-Nitrophenol	9.939	139	141839	99.369	ng		93
57) 2,4-Dinitrotoluene	9.992	165	165049	51.783	ng	#	78
58) Fluorene	10.333	166	581917	52.127	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.116	232	141682	50.386	ng		98
60) Diethylphthalate	10.210	149	599924	50.440	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	266947	49.477	ng		96
62) 4-Nitroaniline	10.375	138	124446	44.040	ng		96
63) Azobenzene	10.486	77	571883	49.490	ng		96
65) 4,6-Dinitro-2-methylph...	10.410	198	76448	46.722	ng		87
66) n-Nitrosodiphenylamine	10.445	169	511643	51.630	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	167268	51.251	ng		97
68) Hexachlorobenzene	10.881	284	178624	53.757	ng		94
69) Atrazine	10.980	200	167135	62.006	ng		96
70) Pentachlorophenol	11.092	266	145238	110.824	ng		96
71) Phenanthrene	11.304	178	1059332	68.015	ng		100
72) Anthracene	11.351	178	858662	53.203	ng		99
73) Carbazole	11.516	167	741823	49.283	ng		100
74) Di-n-butylphthalate	11.839	149	911863	49.341	ng		100
75) Fluoranthene	12.498	202	1007043	58.257	ng		99
77) Benzidine	12.627	184	253707	67.946	ng		98
78) Pyrene	12.727	202	979670	72.045	ng		99
80) Butylbenzylphthalate	13.351	149	334555	55.989	ng		94
81) Benzo(a)anthracene	13.933	228	676379	60.178	ng		100
82) 3,3'-Dichlorobenzidine	13.892	252	138695	37.207	ng		96
83) Chrysene	13.969	228	608652	55.909	ng		99
84) Bis(2-ethylhexyl)phtha...	13.910	149	459186	56.699	ng		99
85) Di-n-octyl phthalate	14.527	149	725991	56.532	ng		100
87) Indeno(1,2,3-cd)pyrene	16.927	276	680810	57.069	ng		99
88) Benzo(b)fluoranthene	14.986	252	704773	57.517	ng		99
89) Benzo(k)fluoranthene	15.016	252	543945	45.724	ng		99
90) Benzo(a)pyrene	15.357	252	587314	50.972	ng		99
91) Dibenzo(a,h)anthracene	16.927	278	541675	55.388	ng		99
92) Benzo(g,h,i)perylene	17.374	276	537440	53.500	ng		100

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

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