Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135770.D
Acq On : 16 Oct 2023 11:35
Operator : CG\JU
Sample : PB156184BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 17 01:27:29 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 :
PB156184BS

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	6.739	152	129976	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	525199	20.000	ng		0.00
39) Acenaphthene-d10	9.780	164	278504	20.000	ng		0.00
64) Phenanthrene-d10	11.280	188	547934	20.000	ng		0.00
76) Chrysene-d12	13.951	240	370648	20.000	ng		0.00
86) Perylene-d12	15.421	264	307105	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	994644	123.034	ng		0.01
7) Phenol-d6	6.404	99	1140069	113.023	ng		0.00
23) Nitrobenzene-d5	7.316	82	757597	79.336	ng		0.00
42) 2,4,6-Tribromophenol	10.586	330	327545	122.563	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	1346923	75.616	ng		0.00
79) Terphenyl-d14	12.880	244	1527649	76.328	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.551	88	133036	34.117	ng		100
3) Pyridine	3.316	79	312994	32.714	ng		98
4) n-Nitrosodimethylamine	3.269	42	234578	45.592	ng		99
6) Aniline	6.410	93	364304	28.699	ng	#	70
8) 2-Chlorophenol	6.534	128	387937	44.499	ng		98
9) Benzaldehyde	6.298	77	74008	12.891	ng		98
10) Phenol	6.416	94	446641	42.258	ng	#	78
11) bis(2-Chloroethyl)ether	6.487	93	365624	42.933	ng		100
12) 1,3-Dichlorobenzene	6.681	146	375775	42.517	ng		99
13) 1,4-Dichlorobenzene	6.757	146	381460	42.605	ng		99
14) 1,2-Dichlorobenzene	6.910	146	353363	43.833	ng		99
15) Benzyl Alcohol	6.898	79	309367	46.126	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	651359	42.290	ng		91
17) 2-Methylphenol	7.016	107	303608	40.229	ng		96
18) Hexachloroethane	7.245	117	143835	44.308	ng		96
19) n-Nitroso-di-n-propyla...	7.169	70	251813	40.375	ng		97
20) 3+4-Methylphenols	7.169	107	376900	40.060	ng		93
22) Acetophenone	7.157	105	507870	42.165	ng	#	98
24) Nitrobenzene	7.334	77	394666	41.180	ng		98
25) Isophorone	7.569	82	741671	41.169	ng		100
26) 2-Nitrophenol	7.645	139	203083	43.421	ng		95
27) 2,4-Dimethylphenol	7.692	122	315348	40.957	ng		99
28) bis(2-Chloroethoxy)met...	7.781	93	449499	41.897	ng		99
29) 2,4-Dichlorophenol	7.898	162	319643	44.300	ng		99
30) 1,2,4-Trichlorobenzene	7.969	180	321118	43.513	ng		99
31) Naphthalene	8.045	128	1050374	41.003	ng		100
32) Benzoic acid	7.863	122	248793	47.737	ng		100
33) 4-Chloroaniline	8.104	127	240816	21.520	ng		97
34) Hexachlorobutadiene	8.157	225	189040	43.276	ng		97
35) Caprolactam	8.492	113	111682m	45.277	ng		
36) 4-Chloro-3-methylphenol	8.604	107	353405	44.166	ng		98
37) 2-Methylnaphthalene	8.739	142	673904	39.928	ng		99
38) 1-Methylnaphthalene	8.839	142	631082	40.540	ng		99
40) 1,2,4,5-Tetrachloroben...	8.910	216	328418	40.994	ng		99
41) Hexachlorocyclopentadiene	8.886	237	146347	84.254	ng		96
43) 2,4,6-Trichlorophenol	9.028	196	217162	42.065	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	232378	38.700	ng	99
46) 1,1'-Biphenyl	9.204	154	862118	40.411	ng	98
47) 2-Chloronaphthalene	9.233	162	644254	41.902	ng	99
48) 2-Nitroaniline	9.345	65	257804	42.479	ng	94
49) Acenaphthylene	9.645	152	1033694	40.626	ng	99
50) Dimethylphthalate	9.510	163	780806	41.530	ng	99
51) 2,6-Dinitrotoluene	9.586	165	171104	42.321	ng	98
52) Acenaphthene	9.822	154	624805	40.969	ng	99
53) 3-Nitroaniline	9.757	138	156549	31.587	ng	98
54) 2,4-Dinitrophenol	9.886	184	188924	111.943	ng	95
55) Dibenzofuran	9.992	168	938043	40.764	ng	100
56) 4-Nitrophenol	9.951	139	205978	89.971	ng	97
57) 2,4-Dinitrotoluene	10.004	165	222994	43.354	ng	100
58) Fluorene	10.339	166	761636	42.278	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	199457	43.955	ng	99
60) Diethylphthalate	10.216	149	810488	42.227	ng	99
61) 4-Chlorophenyl-phenyle...	10.327	204	364636	41.879	ng	94
62) 4-Nitroaniline	10.386	138	187780	41.179	ng	97
63) Azobenzene	10.492	77	771936	41.396	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	130593	47.358	ng	85
66) n-Nitrosodiphenylamine	10.457	169	690465	41.343	ng	99
67) 4-Bromophenyl-phenylether	10.822	248	228620	41.565	ng	96
68) Hexachlorobenzene	10.892	284	244233	43.614	ng	95
69) Atrazine	10.992	200	218517	48.103	ng	98
70) Pentachlorophenol	11.098	266	187663	84.968	ng	95
71) Phenanthrene	11.310	178	1083004	41.259	ng	99
72) Anthracene	11.363	178	1112746	40.910	ng	99
73) Carbazole	11.522	167	1059804	41.778	ng	100
74) Di-n-butylphthalate	11.845	149	1313823	42.183	ng	100
75) Fluoranthene	12.504	202	1207943	41.464	ng	99
77) Benzidine	12.633	184	242518	29.985	ng	97
78) Pyrene	12.733	202	1232417	41.843	ng	100
80) Butylbenzylphthalate	13.357	149	546972	42.260	ng	95
81) Benzo(a)anthracene	13.939	228	1048344	43.061	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	293427	36.341	ng	98
83) Chrysene	13.974	228	976924	41.429	ng	98
84) Bis(2-ethylhexyl)phtha...	13.915	149	764889	43.603	ng	99
85) Di-n-octyl phthalate	14.533	149	1209279	43.473	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	727596	43.482	ng	99
88) Benzo(b)fluoranthene	14.992	252	866066	50.389	ng	99
89) Benzo(k)fluoranthene	15.027	252	761498	45.635	ng	97
90) Benzo(a)pyrene	15.362	252	689204	42.643	ng	100
91) Dibenzo(a,h)anthracene	16.939	278	607116	44.258	ng	99
92) Benzo(g,h,i)perylene	17.386	276	637218	45.222	ng	98

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

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