Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
Data File : BF135805.D
Acq On : 17 Oct 2023 11:27
Operator : CG\JU
Sample : PB156118BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 18 01:33:29 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 :
PB156118BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	124360	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	506093	20.000	ng		0.00
39) Acenaphthene-d10	9.780	164	256466	20.000	ng		0.00
64) Phenanthrene-d10	11.274	188	496803	20.000	ng		0.00
76) Chrysene-d12	13.945	240	318750	20.000	ng		0.00
86) Perylene-d12	15.415	264	287654	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.386	112	899005	116.225	ng		0.01
7) Phenol-d6	6.398	99	1115201	115.551	ng		0.00
23) Nitrobenzene-d5	7.316	82	713018	77.487	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	317237	128.906	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	1221370	74.459	ng		0.00
79) Terphenyl-d14	12.874	244	1475370	85.718	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	118811	31.845	ng		100
3) Pyridine	3.334	79	267643	29.237	ng		96
4) n-Nitrosodimethylamine	3.281	42	199379	40.501	ng		96
6) Aniline	6.410	93	356255	29.332	ng	#	46
8) 2-Chlorophenol	6.534	128	366273	43.911	ng		98
9) Benzaldehyde	6.298	77	68288	12.432	ng		100
10) Phenol	6.410	94	433893	42.906	ng		93
11) bis(2-Chloroethyl)ether	6.481	93	343096	42.107	ng		99
12) 1,3-Dichlorobenzene	6.675	146	361581	42.759	ng		98
13) 1,4-Dichlorobenzene	6.757	146	366339	42.764	ng		99
14) 1,2-Dichlorobenzene	6.904	146	334185	43.326	ng		99
15) Benzyl Alcohol	6.898	79	294504	45.893	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	602859	40.908	ng		73
17) 2-Methylphenol	7.010	107	281864	39.035	ng		96
18) Hexachloroethane	7.239	117	135925	43.762	ng		93
19) n-Nitroso-di-n-propyla...	7.163	70	243519	40.808	ng		97
20) 3+4-Methylphenols	7.169	107	361453	40.153	ng		97
22) Acetophenone	7.157	105	491163	42.317	ng		99
24) Nitrobenzene	7.333	77	380526	41.204	ng		98
25) Isophorone	7.569	82	693834	39.968	ng		99
26) 2-Nitrophenol	7.645	139	194569	43.171	ng		99
27) 2,4-Dimethylphenol	7.692	122	296954	40.024	ng		99
28) bis(2-Chloroethoxy)met...	7.775	93	418622	40.492	ng		98
29) 2,4-Dichlorophenol	7.892	162	309684	44.540	ng		100
30) 1,2,4-Trichlorobenzene	7.963	180	303455	42.672	ng		99
31) Naphthalene	8.045	128	996214	40.357	ng		99
32) Benzoic acid	7.863	122	226582	45.116	ng		96
33) 4-Chloroaniline	8.104	127	238467	22.115	ng		95
34) Hexachlorobutadiene	8.151	225	173758	41.280	ng		99
35) Caprolactam	8.492	113	100049m	42.092	ng		
36) 4-Chloro-3-methylphenol	8.604	107	321166	41.652	ng		99
37) 2-Methylnaphthalene	8.733	142	615008	37.815	ng		99
38) 1-Methylnaphthalene	8.833	142	583149	38.875	ng		99
40) 1,2,4,5-Tetrachloroben...	8.904	216	296491	40.189	ng		99
41) Hexachlorocyclopentadiene	8.880	237	119303	79.046	ng		92
43) 2,4,6-Trichlorophenol	9.027	196	201289	42.341	ng		99

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44) 2,4,5-Trichlorophenol	9.080	196	214623	38.815	ng	96
46) 1,1'-Biphenyl	9.204	154	790413	40.233	ng	98
47) 2-Chloronaphthalene	9.227	162	592352	41.837	ng	99
48) 2-Nitroaniline	9.339	65	232289	41.564	ng	99
49) Acenaphthylene	9.645	152	957207	40.853	ng	100
50) Dimethylphthalate	9.510	163	716651	41.393	ng	99
51) 2,6-Dinitrotoluene	9.586	165	159505	42.842	ng	87
52) Acenaphthene	9.816	154	578120	41.165	ng	98
53) 3-Nitroaniline	9.757	138	150595	32.996	ng	97
54) 2,4-Dinitrophenol	9.880	184	165426	106.443	ng	94
55) Dibenzofuran	9.992	168	888321	41.921	ng	98
56) 4-Nitrophenol	9.945	139	197587	93.493	ng	94
57) 2,4-Dinitrotoluene	9.998	165	212286	44.818	ng	92
58) Fluorene	10.333	166	720564	43.435	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.116	232	189075	45.247	ng	98
60) Diethylphthalate	10.216	149	754238	42.673	ng	99
61) 4-Chlorophenyl-phenyle...	10.321	204	343407	42.830	ng	98
62) 4-Nitroaniline	10.386	138	182737	43.517	ng	95
63) Azobenzene	10.486	77	740900	43.145	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	116583	46.629	ng	95
66) n-Nitrosodiphenylamine	10.451	169	671024	44.314	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	214776	43.067	ng	98
68) Hexachlorobenzene	10.886	284	238094	46.893	ng	99
69) Atrazine	10.986	200	204132	49.562	ng	99
70) Pentachlorophenol	11.092	266	161449	80.622	ng	97
71) Phenanthrene	11.304	178	979026	41.137	ng	100
72) Anthracene	11.357	178	1000919	40.586	ng	100
73) Carbazole	11.521	167	966775	42.033	ng	99
74) Di-n-butylphthalate	11.839	149	1178973	41.750	ng	100
75) Fluoranthene	12.498	202	1122851	42.510	ng	99
77) Benzidine	12.627	184	246366	35.421	ng	98
78) Pyrene	12.733	202	1141446	45.064	ng	99
80) Butylbenzylphthalate	13.351	149	510918	45.902	ng	97
81) Benzo(a)anthracene	13.933	228	916545	43.777	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	250645	36.097	ng	98
83) Chrysene	13.968	228	834542	41.153	ng	99
84) Bis(2-ethylhexyl)phtha...	13.909	149	662538	43.918	ng	100
85) Di-n-octyl phthalate	14.527	149	1049324	43.865	ng	99
87) Indeno(1,2,3-cd)pyrene	16.927	276	675263	43.083	ng	98
88) Benzo(b)fluoranthene	14.986	252	791902	49.190	ng	99
89) Benzo(k)fluoranthene	15.015	252	664845	42.537	ng	99
90) Benzo(a)pyrene	15.356	252	637443	42.108	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	555496	43.233	ng	98
92) Benzo(g,h,i)perylene	17.380	276	558834	42.341	ng	97

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

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