Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
Data File : BF135225.D
Acq On : 13 Sep 2023 16:23
Operator : CG\JU
Sample : PB155368BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 13 17:01:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB155368BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
09/14/2023
Supervised By :mohammad ahmed
09/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.763	152	130793	20.000	ng		0.00
21) Naphthalene-d8	8.045	136	501389	20.000	ng		0.00
39) Acenaphthene-d10	9.804	164	255786	20.000	ng		0.00
64) Phenanthrene-d10	11.298	188	500931	20.000	ng		0.00
76) Chrysene-d12	13.951	240	243088	20.000	ng		0.00
86) Perylene-d12	15.415	264	262540	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	889553	110.618	ng		0.02
7) Phenol-d6	6.416	99	1146943	112.166	ng		0.01
23) Nitrobenzene-d5	7.334	82	729413	79.038	ng		0.00
42) 2,4,6-Tribromophenol	10.604	330	313646	123.391	ng		0.00
45) 2-Fluorobiphenyl	9.128	172	1310007	77.269	ng		0.00
79) Terphenyl-d14	12.892	244	1349805	86.078	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	125644	35.641	ng		100
3) Pyridine	3.346	79	301127	31.738	ng		98
4) n-Nitrosodimethylamine	3.304	42	201353	39.992	ng		97
6) Aniline	6.434	93	399067	29.761	ng	#	83
8) 2-Chlorophenol	6.551	128	364952	42.513	ng		97
9) Benzaldehyde	6.316	77	135377	23.240	ng		96
10) Phenol	6.428	94	419922	37.451	ng		82
11) bis(2-Chloroethyl)ether	6.510	93	336167	39.969	ng		100
12) 1,3-Dichlorobenzene	6.704	146	350344	40.157	ng		99
13) 1,4-Dichlorobenzene	6.781	146	361946	40.777	ng		98
14) 1,2-Dichlorobenzene	6.934	146	338557	41.072	ng		98
15) Benzyl Alcohol	6.916	79	307553	41.914	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.045	45	621846	39.225	ng		98
17) 2-Methylphenol	7.028	107	292300	38.585	ng		97
18) Hexachloroethane	7.269	117	134484	41.005	ng		91
19) n-Nitroso-di-n-propyla...	7.187	70	239201	37.767	ng		98
20) 3+4-Methylphenols	7.181	107	340721	37.404	ng		93
22) Acetophenone	7.181	105	474530	41.397	ng		98
24) Nitrobenzene	7.351	77	367782	40.320	ng		100
25) Isophorone	7.592	82	690730	40.760	ng		98
26) 2-Nitrophenol	7.663	139	191852	43.823	ng		98
27) 2,4-Dimethylphenol	7.710	122	320826	43.598	ng		97
28) bis(2-Chloroethoxy)met...	7.804	93	421540	41.560	ng		99
29) 2,4-Dichlorophenol	7.910	162	290786	42.645	ng		98
30) 1,2,4-Trichlorobenzene	7.987	180	305714	42.895	ng		97
31) Naphthalene	8.069	128	995186	40.852	ng		99
32) Benzoic acid	7.857	122	248340	44.817	ng		98
33) 4-Chloroaniline	8.122	127	242327	22.672	ng		99
34) Hexachlorobutadiene	8.181	225	179547	41.780	ng		99
35) Caprolactam	8.504	113	103061m	45.035	ng		
36) 4-Chloro-3-methylphenol	8.610	107	325109	42.899	ng		100
37) 2-Methylnaphthalene	8.763	142	648490	39.602	ng		98
38) 1-Methylnaphthalene	8.857	142	597155	38.950	ng		100
40) 1,2,4,5-Tetrachloroben...	8.928	216	307638	41.515	ng		99
41) Hexachlorocyclopentadiene	8.910	237	251014	77.164	ng		97
43) 2,4,6-Trichlorophenol	9.045	196	209578	43.195	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	227691	40.750	ng		98
46) 1,1'-Biphenyl	9.228	154	822275	41.832	ng		99
47) 2-Chloronaphthalene	9.251	162	606646	42.535	ng		98
48) 2-Nitroaniline	9.351	65	235152	42.440	ng		94
49) Acenaphthylene	9.669	152	963296	40.641	ng		100
50) Dimethylphthalate	9.534	163	725638	41.960	ng		100
51) 2,6-Dinitrotoluene	9.598	165	162433	42.875	ng		96
52) Acenaphthene	9.839	154	581819	41.552	ng		99
53) 3-Nitroaniline	9.769	138	140532	31.601	ng		95
54) 2,4-Dinitrophenol	9.886	184	176923	82.086	ng		96
55) Dibenzofuran	10.016	168	856005	40.062	ng		99
56) 4-Nitrophenol	9.945	139	247100	87.428	ng		98
57) 2,4-Dinitrotoluene	10.010	165	197881	41.722	ng		94
58) Fluorene	10.357	166	673922	41.027	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	192785	44.854	ng		99
60) Diethylphthalate	10.239	149	730179	42.071	ng		100
61) 4-Chlorophenyl-phenyle...	10.351	204	320955	40.675	ng		94
62) 4-Nitroaniline	10.392	138	180313	42.181	ng		97
63) Azobenzene	10.510	77	699068	41.155	ng		97
65) 4,6-Dinitro-2-methylph...	10.422	198	121206	45.556	ng		88
66) n-Nitrosodiphenylamine	10.475	169	629722	41.523	ng		98
67) 4-Bromophenyl-phenylether	10.839	248	207803	41.710	ng		94
68) Hexachlorobenzene	10.904	284	226716	44.667	ng	#	92
69) Atrazine	11.010	200	203402	49.846	ng		98
70) Pentachlorophenol	11.104	266	237049	78.060	ng		99
71) Phenanthrene	11.322	178	994411	41.973	ng		98
72) Anthracene	11.375	178	1003089	41.190	ng		99
73) Carbazole	11.533	167	949236	42.819	ng		99
74) Di-n-butylphthalate	11.869	149	1107583	42.400	ng		100
75) Fluoranthene	12.516	202	1027222	41.610	ng		100
77) Benzidine	12.639	184	317044	63.662	ng		99
78) Pyrene	12.745	202	1026826	44.367	ng		99
80) Butylbenzylphthalate	13.374	149	383386	47.050	ng		96
81) Benzo(a)anthracene	13.939	228	648449	41.311	ng		99
82) 3,3'-Dichlorobenzidine	13.904	252	188263	38.398	ng	#	96
83) Chrysene	13.980	228	664045	42.550	ng		99
84) Bis(2-ethylhexyl)phtha...	13.933	149	440478	52.677	ng		98
85) Di-n-octyl phthalate	14.551	149	701074	52.758	ng		100
87) Indeno(1,2,3-cd)pyrene	16.898	276	721602	41.920	ng		99
88) Benzo(b)fluoranthene	14.992	252	619920	43.619	ng		99
89) Benzo(k)fluoranthene	15.021	252	584799	41.655	ng		99
90) Benzo(a)pyrene	15.357	252	549395	40.536	ng		98
91) Dibenzo(a,h)anthracene	16.921	278	584656	41.510	ng		97
92) Benzo(g,h,i)perylene	17.351	276	597205	40.600	ng		99

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

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