Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
Data File : BF135692.D
Acq On : 10 Oct 2023 19:06
Operator : CG\JU
Sample : 04656-07MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-106SMSD

Quant Time: Oct 11 03:02:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 02:43:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	90602	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	334145	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	157849	20.000	ng		0.00
64) Phenanthrene-d10	11.274	188	300143	20.000	ng		0.00
76) Chrysene-d12	13.933	240	154395	20.000	ng		0.00
86) Perylene-d12	15.404	264	162190	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	320622	57.557	ng		0.00
7) Phenol-d6	6.392	99	235912	33.305	ng		0.00
23) Nitrobenzene-d5	7.310	82	578519	94.063	ng		0.00
42) 2,4,6-Tribromophenol	10.574	330	214044	136.452	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	999201	95.504	ng		0.00
79) Terphenyl-d14	12.868	244	928070	93.182	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.469	88	51072	20.914	ng		97
3) Pyridine	3.240	79	102974	15.668	ng		98
4) n-Nitrosodimethylamine	3.175	42	64651	18.537	ng		94
6) Aniline	6.410	93	259496	27.937	ng	#	90
8) 2-Chlorophenol	6.534	128	234583	39.448	ng		95
9) Benzaldehyde	6.298	77	182280	45.173	ng		99
10) Phenol	6.404	94	103655	13.345	ng	#	1
11) bis(2-Chloroethyl)ether	6.481	93	276901	47.527	ng		97
12) 1,3-Dichlorobenzene	6.675	146	265196	43.881	ng		98
13) 1,4-Dichlorobenzene	6.757	146	270287	43.959	ng		98
14) 1,2-Dichlorobenzene	6.904	146	255115	44.679	ng		98
15) Benzyl Alcohol	6.892	79	141746	27.887	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	521225	47.462	ng		72
17) 2-Methylphenol	7.010	107	143156	27.280	ng	#	82
18) Hexachloroethane	7.239	117	95681	42.116	ng		92
19) n-Nitroso-di-n-propyla...	7.157	70	199513	45.474	ng		95
20) 3+4-Methylphenols	7.163	107	162115	25.691	ng	#	80
22) Acetophenone	7.151	105	394493	51.639	ng	#	90
24) Nitrobenzene	7.328	77	307938	50.656	ng		99
25) Isophorone	7.563	82	550626	48.755	ng		98
26) 2-Nitrophenol	7.645	139	148910	51.039	ng		94
27) 2,4-Dimethylphenol	7.686	122	181813	37.074	ng		98
28) bis(2-Chloroethoxy)met...	7.775	93	341613	50.537	ng		100
29) 2,4-Dichlorophenol	7.886	162	215147	47.345	ng		98
30) 1,2,4-Trichlorobenzene	7.963	180	232699	48.992	ng		98
31) Naphthalene	8.039	128	786061	48.417	ng		99
32) Benzoic acid	7.798	122	34099	9.234	ng		97
33) 4-Chloroaniline	8.098	127	261014	36.644	ng		99
34) Hexachlorobutadiene	8.151	225	135824	47.424	ng		99
35) Caprolactam	8.475	113	11339	7.435	ng		94
36) 4-Chloro-3-methylphenol	8.586	107	210163	41.612	ng		99
37) 2-Methylnaphthalene	8.733	142	498733	45.700	ng		100
38) 1-Methylnaphthalene	8.833	142	483926	47.363	ng		99
40) 1,2,4,5-Tetrachloroben...	8.898	216	248746	54.394	ng		98
41) Hexachlorocyclopentadiene	8.880	237	98446	51.731	ng		98
43) 2,4,6-Trichlorophenol	9.022	196	147770	49.353	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	157191	45.588	ng		99
46) 1,1'-Biphenyl	9.198	154	644440	53.126	ng		99
47) 2-Chloronaphthalene	9.227	162	465401	52.878	ng		98
48) 2-Nitroaniline	9.333	65	177216	51.828	ng		97
49) Acenaphthylene	9.639	152	769342	52.597	ng		99
50) Dimethylphthalate	9.504	163	546055	51.166	ng		100
51) 2,6-Dinitrotoluene	9.580	165	119253	51.008	ng	#	83
52) Acenaphthene	9.810	154	446575	51.681	ng		99
53) 3-Nitroaniline	9.751	138	108607	39.575	ng		92
54) 2,4-Dinitrophenol	9.875	184	107144	80.671	ng		94
55) Dibenzofuran	9.986	168	665507	50.471	ng		98
56) 4-Nitrophenol	9.951	139	20807	11.929	ng		94
57) 2,4-Dinitrotoluene	9.992	165	148832	50.850	ng		95
58) Fluorene	10.333	166	528995	52.185	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	121097	45.655	ng		98
60) Diethylphthalate	10.204	149	551063	51.451	ng		98
61) 4-Chlorophenyl-phenyle...	10.322	204	250774	51.500	ng		94
62) 4-Nitroaniline	10.369	138	117673	44.607	ng		99
63) Azobenzene	10.480	77	538372	51.360	ng		96
65) 4,6-Dinitro-2-methylph...	10.404	198	72875	45.714	ng		96
66) n-Nitrosodiphenylamine	10.445	169	467428	51.441	ng		100
67) 4-Bromophenyl-phenylether	10.810	248	150513	50.421	ng	#	92
68) Hexachlorobenzene	10.880	284	168381	55.367	ng		93
69) Atrazine	10.980	200	147808	60.454	ng		100
70) Pentachlorophenol	11.086	266	110721	60.851	ng		98
71) Phenanthrene	11.298	178	750716	52.884	ng		99
72) Anthracene	11.351	178	757662	51.925	ng		99
73) Carbazole	11.516	167	695427	52.355	ng		99
74) Di-n-butylphthalate	11.839	149	801643	51.217	ng		99
75) Fluoranthene	12.492	202	762281	51.535	ng		99
77) Benzidine	12.627	184	272915	86.282	ng		98
78) Pyrene	12.721	202	759881	51.694	ng		100
80) Butylbenzylphthalate	13.345	149	284173	54.908	ng		100
81) Benzo(a)anthracene	13.921	228	537970	53.961	ng		100
82) 3,3'-Dichlorobenzidine	13.886	252	163261	52.427	ng		99
83) Chrysene	13.962	228	492386	49.675	ng		99
84) Bis(2-ethylhexyl)phtha...	13.904	149	348411	65.602	ng		98
85) Di-n-octyl phthalate	14.521	149	516726	61.223	ng		100
87) Indeno(1,2,3-cd)pyrene	16.903	276	575876	54.153	ng		99
88) Benzo(b)fluoranthene	14.974	252	458480	52.219	ng		97
89) Benzo(k)fluoranthene	15.004	252	412634	47.577	ng		99
90) Benzo(a)pyrene	15.345	252	410130	48.983	ng		98
91) Dibenzo(a,h)anthracene	16.903	278	467919	53.777	ng		98
92) Benzo(g,h,i)perylene	17.351	276	475518	52.328	ng		98

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

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