Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
Data File : BF130669.D
Acq On : 14 Oct 2022 17:05
Operator : CG\JU
Sample : N5140-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 17 02:21:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.581	152	77161	20.000	ng		0.00
21) Naphthalene-d8	7.863	136	300160	20.000	ng		-0.01
39) Acenaphthene-d10	9.616	164	163025	20.000	ng		0.00
64) Phenanthrene-d10	11.092	188	279074	20.000	ng		0.00
76) Chrysene-d12	13.727	240	159819	20.000	ng	#	0.00
86) Perylene-d12	15.098	264	142481	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.192	112	425556	99.413	ng		0.00
7) Phenol-d6	6.234	99	528989	98.289	ng		0.00
23) Nitrobenzene-d5	7.157	82	327763	59.611	ng		0.00
42) 2,4,6-Tribromophenol	10.404	330	169109	106.012	ng		0.00
45) 2-Fluorobiphenyl	8.945	172	612991	56.956	ng		0.00
79) Terphenyl-d14	12.674	244	613430	63.705	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.234	88	79621	30.744	ng		98
3) Pyridine	2.887	79	189965	41.007	ng		98
4) n-Nitrosodimethylamine	2.857	42	104517	47.885	ng		90
6) Aniline	6.245	93	250329	38.850	ng	#	65
8) 2-Chlorophenol	6.369	128	239687	47.613	ng		99
9) Benzaldehyde	6.134	77	128612	38.036	ng		99
10) Phenol	6.251	94	290055	46.578	ng		98
11) bis(2-Chloroethyl)ether	6.328	93	210074	46.441	ng		99
12) 1,3-Dichlorobenzene	6.522	146	260457	47.254	ng		98
13) 1,4-Dichlorobenzene	6.598	146	267935	47.916	ng		97
14) 1,2-Dichlorobenzene	6.751	146	251519	48.298	ng		97
15) Benzyl Alcohol	6.739	79	178928	46.306	ng		98
16) 2,2'-oxybis(1-Chloropr...	6.869	45	262309	45.073	ng		86
17) 2-Methylphenol	6.857	107	189149	47.235	ng		95
18) Hexachloroethane	7.087	117	100009	47.277	ng		98
19) n-Nitroso-di-n-propyla...	7.010	70	157552	45.373	ng		99
20) 3+4-Methylphenols	7.016	107	240078	44.742	ng	#	81
22) Acetophenone	7.004	105	339657	47.172	ng	#	97
24) Nitrobenzene	7.175	77	245339	44.369	ng		98
25) Isophorone	7.416	82	436814	47.733	ng		99
26) 2-Nitrophenol	7.486	139	130398	48.088	ng	#	89
27) 2,4-Dimethylphenol	7.539	122	204705	54.163	ng		99
28) bis(2-Chloroethoxy)met...	7.628	93	263095	49.652	ng		100
29) 2,4-Dichlorophenol	7.734	162	199513	47.183	ng		100
30) 1,2,4-Trichlorobenzene	7.810	180	213202	46.769	ng		99
31) Naphthalene	7.886	128	694927	44.725	ng		100
32) Benzoic acid	7.704	122	111376	46.582	ng		91
33) 4-Chloroaniline	7.945	127	176702	29.358	ng		99
34) Hexachlorobutadiene	8.004	225	135538	47.904	ng		98
35) Caprolactam	8.328	113	61402m	48.263	ng		
36) 4-Chloro-3-methylphenol	8.445	107	213563	46.561	ng		97
37) 2-Methylnaphthalene	8.575	142	454729	46.506	ng		99
38) 1-Methylnaphthalene	8.675	142	435384	45.868	ng		98
40) 1,2,4,5-Tetrachloroben...	8.745	216	216661	48.984	ng		98
41) Hexachlorocyclopentadiene	8.728	237	182442	104.445	ng		99
43) 2,4,6-Trichlorophenol	8.863	196	137151	46.181	ng		100

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44) 2,4,5-Trichlorophenol	8.910	196	149075	45.645	ng		98
46) 1,1'-Biphenyl	9.045	154	566491	47.948	ng		99
47) 2-Chloronaphthalene	9.069	162	444393	46.022	ng		98
48) 2-Nitroaniline	9.175	65	130173	44.783	ng		93
49) Acenaphthylene	9.480	152	662772	45.809	ng		99
50) Dimethylphthalate	9.357	163	520017	46.080	ng		98
51) 2,6-Dinitrotoluene	9.416	165	117253	47.366	ng		99
52) Acenaphthene	9.651	154	395842	45.158	ng		99
53) 3-Nitroaniline	9.586	138	87459	32.231	ng		99
54) 2,4-Dinitrophenol	9.704	184	115645	90.953	ng		99
55) Dibenzofuran	9.822	168	615515	46.093	ng		99
56) 4-Nitrophenol	9.769	139	134627	89.982	ng		93
57) 2,4-Dinitrotoluene	9.822	165	154498	48.562	ng		94
58) Fluorene	10.163	166	501308	45.663	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.945	232	117702	45.204	ng		97
60) Diethylphthalate	10.051	149	500660	44.465	ng		99
61) 4-Chlorophenyl-phenyle...	10.157	204	235171	47.381	ng		99
62) 4-Nitroaniline	10.204	138	104994	40.527	ng		98
63) Azobenzene	10.316	77	450925	42.520	ng		99
65) 4,6-Dinitro-2-methylph...	10.227	198	82307	47.194	ng		86
66) n-Nitrosodiphenylamine	10.280	169	426310	45.923	ng		100
67) 4-Bromophenyl-phenylether	10.645	248	151807	48.075	ng		96
68) Hexachlorobenzene	10.704	284	172478	48.319	ng		96
69) Atrazine	10.816	200	136158	53.863	ng		96
70) Pentachlorophenol	10.910	266	134124	96.543	ng		98
71) Phenanthrene	11.122	178	697792	45.130	ng		99
72) Anthracene	11.169	178	710206	47.032	ng		100
73) Carbazole	11.333	167	622113	46.170	ng		100
74) Di-n-butylphthalate	11.663	149	761077	46.629	ng		100
75) Fluoranthene	12.304	202	680717	45.808	ng		99
77) Benzidine	12.433	184	215801	53.421	ng		99
78) Pyrene	12.527	202	673491	48.847	ng		99
80) Butylbenzylphthalate	13.157	149	257920	48.648	ng		98
81) Benzo(a)anthracene	13.715	228	482586	44.813	ng		99
82) 3,3'-Dichlorobenzidine	13.686	252	150296	48.298	ng	#	98
83) Chrysene	13.751	228	449286	44.003	ng		99
84) Bis(2-ethylhexyl)phtha...	13.715	149	311988	48.540	ng		99
85) Di-n-octyl phthalate	14.321	149	412161	41.871	ng		99
87) Indeno(1,2,3-cd)pyrene	16.392	276	511870	47.999	ng		98
88) Benzo(b)fluoranthene	14.721	252	420591	46.617	ng		99
89) Benzo(k)fluoranthene	14.745	252	388763	42.318	ng		98
90) Benzo(a)pyrene	15.045	252	360928	48.066	ng		98
91) Dibenzo(a,h)anthracene	16.404	278	443996	50.793	ng		99
92) Benzo(g,h,i)perylene	16.780	276	442286	54.324	ng		96

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

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