Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131593.D
Acq On : 12 Dec 2022 15:26
Operator : CG\JU
Sample : N5964-09MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 13 04:14:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 04:12:13 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-05MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	59994	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	215680	20.000	ng	#	0.00
39) Acenaphthene-d10	9.951	164	122836	20.000	ng		0.00
64) Phenanthrene-d10	11.445	188	225315	20.000	ng		0.00
76) Chrysene-d12	14.104	240	126456	20.000	ng	#	0.00
86) Perylene-d12	15.615	264	132994	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	418440	116.358	ng		0.01
7) Phenol-d6	6.534	99	543881	115.413	ng		0.00
23) Nitrobenzene-d5	7.463	82	375953	65.901	ng		0.00
42) 2,4,6-Tribromophenol	10.751	330	157771	115.605	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	646310	66.342	ng		0.00
79) Terphenyl-d14	13.039	244	610367	66.194	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	72983	44.962	ng		96
3) Pyridine	3.481	79	195007	43.271	ng		98
4) n-Nitrosodimethylamine	3.451	42	105528	42.459	ng		95
6) Aniline	6.557	93	223542	39.664	ng		99
8) 2-Chlorophenol	6.681	128	177871	46.673	ng		93
9) Benzaldehyde	6.445	77	97891	30.323	ng		98
10) Phenol	6.545	94	258312m	49.142	ng		
11) bis(2-Chloroethyl)ether	6.634	93	186252	47.269	ng		95
12) 1,3-Dichlorobenzene	6.834	146	203992	46.169	ng		97
13) 1,4-Dichlorobenzene	6.910	146	204049	45.784	ng		98
14) 1,2-Dichlorobenzene	7.063	146	193024	45.339	ng		97
15) Benzyl Alcohol	7.039	79	192008	44.443	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	223726	43.955	ng		97
17) 2-Methylphenol	7.151	107	164068	47.769	ng		97
18) Hexachloroethane	7.404	117	82712	46.007	ng		90
19) n-Nitroso-di-n-propyla...	7.310	70	152538	43.168	ng		98
20) 3+4-Methylphenols	7.304	107	210240	44.941	ng	#	79
22) Acetophenone	7.304	105	293612	43.441	ng	#	91
24) Nitrobenzene	7.481	77	238868	41.515	ng		94
25) Isophorone	7.722	82	423622	46.101	ng		99
26) 2-Nitrophenol	7.798	139	94076	47.946	ng		95
27) 2,4-Dimethylphenol	7.834	122	161969	53.856	ng		97
28) bis(2-Chloroethoxy)met...	7.934	93	229973	48.379	ng		99
29) 2,4-Dichlorophenol	8.039	162	164873	44.337	ng		97
30) 1,2,4-Trichlorobenzene	8.122	180	192074	42.118	ng		98
31) Naphthalene	8.204	128	524389	43.167	ng		99
32) Benzoic acid	7.963	122	99786	45.814	ng		94
33) 4-Chloroaniline	8.257	127	111223	24.426	ng		98
34) Hexachlorobutadiene	8.316	225	130900	40.728	ng		98
35) Caprolactam	8.639	113	45882m	47.697	ng		
36) 4-Chloro-3-methylphenol	8.745	107	187310	44.857	ng		100
37) 2-Methylnaphthalene	8.898	142	356224	42.879	ng		100
38) 1-Methylnaphthalene	8.998	142	333685	41.841	ng		100
40) 1,2,4,5-Tetrachloroben...	9.069	216	209627	46.101	ng		98
41) Hexachlorocyclopentadiene	9.051	237	261343	113.234	ng		96
43) 2,4,6-Trichlorophenol	9.181	196	132321	47.047	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	136961	45.281	ng		98
46) 1,1'-Biphenyl	9.369	154	453520	46.696	ng		99
47) 2-Chloronaphthalene	9.392	162	362128	45.764	ng		98
48) 2-Nitroaniline	9.498	65	124657	44.472	ng	#	83
49) Acenaphthylene	9.816	152	532701	45.850	ng		99
50) Dimethylphthalate	9.675	163	418926	44.738	ng		99
51) 2,6-Dinitrotoluene	9.739	165	90876	47.009	ng		84
52) Acenaphthene	9.986	154	386845m	49.702	ng		
53) 3-Nitroaniline	9.910	138	54593	29.434	ng		97
54) 2,4-Dinitrophenol	10.016	184	94835	85.405	ng		95
55) Dibenzofuran	10.163	168	494501	44.965	ng		95
56) 4-Nitrophenol	10.080	139	125070	97.066	ng		86
57) 2,4-Dinitrotoluene	10.145	165	120360	46.935	ng		97
58) Fluorene	10.504	166	394296	44.103	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.280	232	113001m	44.118	ng		
60) Diethylphthalate	10.380	149	397872	44.277	ng		100
61) 4-Chlorophenyl-phenyle...	10.498	204	220749	44.680	ng		93
62) 4-Nitroaniline	10.533	138	80795	43.958	ng		94
63) Azobenzene	10.657	77	437684	42.705	ng		98
65) 4,6-Dinitro-2-methylph...	10.551	198	63088	44.208	ng		98
66) n-Nitrosodiphenylamine	10.616	169	329487	45.233	ng		99
67) 4-Bromophenyl-phenylether	10.986	248	128418	44.305	ng		92
68) Hexachlorobenzene	11.051	284	142387	45.415	ng		96
69) Atrazine	11.151	200	122304	52.873	ng		95
70) Pentachlorophenol	11.251	266	140390	86.980	ng		98
71) Phenanthrene	11.474	178	550914	43.867	ng		99
72) Anthracene	11.527	178	558757	45.730	ng		99
73) Carbazole	11.680	167	454108	45.532	ng		98
74) Di-n-butylphthalate	12.010	149	561972	45.930	ng		100
75) Fluoranthene	12.669	202	551702	42.661	ng		100
77) Benzidine	12.792	184	201339	59.423	ng		99
78) Pyrene	12.898	202	554073	44.435	ng		100
80) Butylbenzylphthalate	13.515	149	189844	52.610	ng		98
81) Benzo(a)anthracene	14.092	228	420930	46.093	ng		100
82) 3,3'-Dichlorobenzidine	14.057	252	95844	36.888	ng		95
83) Chrysene	14.133	228	394614	45.452	ng		98
84) Bis(2-ethylhexyl)phtha...	14.074	149	245671	49.849	ng		99
85) Di-n-octyl phthalate	14.698	149	377942	47.036	ng		99
87) Indeno(1,2,3-cd)pyrene	17.156	276	449495	41.414	ng		99
88) Benzo(b)fluoranthene	15.168	252	382383	43.624	ng		98
89) Benzo(k)fluoranthene	15.198	252	391858	42.831	ng		99
90) Benzo(a)pyrene	15.551	252	348692	46.614	ng		99
91) Dibenzo(a,h)anthracene	17.180	278	381656	42.725	ng		99
92) Benzo(g,h,i)perylene	17.627	276	376466	41.933	ng		100

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

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