Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
Data File : BF129959.D
Acq On : 23 Aug 2022 18:25
Operator : CG\JU
Sample : N4120-07MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BLDG-19CMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

Quant Time: Aug 24 01:57:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 04:41:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.775	152	147817	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	586744	20.000	ng		0.00
39) Acenaphthene-d10	9.816	164	302058	20.000	ng		0.00
64) Phenanthrene-d10	11.304	188	478071	20.000	ng		0.00
76) Chrysene-d12	13.951	240	263987	20.000	ng		0.00
86) Perylene-d12	15.404	264	239423	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	1123190	125.809	ng		0.04
7) Phenol-d6	6.446	99	1335228	119.429	ng		0.01
23) Nitrobenzene-d5	7.351	82	993675	90.658	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	413874	136.520	ng		0.00
45) 2-Fluorobiphenyl	9.134	172	1818175	91.421	ng		0.00
79) Terphenyl-d14	12.886	244	1700455	107.181	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.752	88	156016m	42.358	ng		
3) Pyridine	3.505	79	206534	21.427	ng		97
4) n-Nitrosodimethylamine	3.405	42	247228	55.655	ng		87
6) Aniline	6.457	93	136337	10.699	ng	#	1
8) 2-Chlorophenol	6.581	128	510891	51.404	ng		96
9) Benzaldehyde	6.340	77	42672	0.521	ng		94
10) Phenol	6.463	94	554300	45.199	ng	#	72
11) bis(2-Chloroethyl)ether	6.522	93	519085	55.740	ng		99
12) 1,3-Dichlorobenzene	6.716	146	506106	47.169	ng		99
13) 1,4-Dichlorobenzene	6.793	146	514750	46.952	ng		99
14) 1,2-Dichlorobenzene	6.946	146	488615	47.987	ng		98
15) Benzyl Alcohol	6.940	79	441842	52.350	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.051	45	660692	52.946	ng		75
17) 2-Methylphenol	7.063	107	411575	51.574	ng		98
18) Hexachloroethane	7.281	117	202839	49.269	ng		97
19) n-Nitroso-di-n-propyla...	7.204	70	387375	54.816	ng		99
20) 3+4-Methylphenols	7.216	107	541429	50.543	ng		98
22) Acetophenone	7.199	105	776828	54.330	ng	#	96
24) Nitrobenzene	7.369	77	571984	51.753	ng		95
25) Isophorone	7.610	82	1030980	54.651	ng		99
26) 2-Nitrophenol	7.687	139	279511	51.415	ng		97
27) 2,4-Dimethylphenol	7.734	122	449709	57.681	ng		95
28) bis(2-Chloroethoxy)met...	7.810	93	622785	56.540	ng		100
29) 2,4-Dichlorophenol	7.940	162	437933	51.370	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	439324	48.848	ng		99
31) Naphthalene	8.081	128	1486439	48.452	ng		100
32) Benzoic acid	7.910	122	252118	64.587	ng		90
33) 4-Chloroaniline	8.157	127	64898	5.379	ng		99
34) Hexachlorobutadiene	8.187	225	267015	48.758	ng		98
35) Caprolactam	8.545	113	112891m	42.583	ng		
36) 4-Chloro-3-methylphenol	8.651	107	478637	52.042	ng		98
37) 2-Methylnaphthalene	8.775	142	992002	49.267	ng		100
38) 1-Methylnaphthalene	8.869	142	947054	48.397	ng		100
40) 1,2,4,5-Tetrachloroben...	8.940	216	447911	53.315	ng		99
41) Hexachlorocyclopentadiene	8.916	237	319143	100.951	ng		98
43) 2,4,6-Trichlorophenol	9.063	196	288403	52.836	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	292619	49.828	ng		98
46) 1,1'-Biphenyl	9.240	154	1226288	53.440	ng		99
47) 2-Chloronaphthalene	9.263	162	938196	51.673	ng		96
48) 2-Nitroaniline	9.375	65	292255	50.935	ng		96
49) Acenaphthylene	9.681	152	1352786	49.134	ng		99
50) Dimethylphthalate	9.545	163	1122240	51.827	ng		99
51) 2,6-Dinitrotoluene	9.616	165	245480	52.261	ng		92
52) Acenaphthene	9.851	154	846560	50.680	ng		99
53) 3-Nitroaniline	9.787	138	64908	12.495	ng		86
54) 2,4-Dinitrophenol	9.910	184	242866	112.011	ng		96
55) Dibenzofuran	10.022	168	1251955	49.888	ng		94
56) 4-Nitrophenol	9.987	139	206638	89.417	ng		89
57) 2,4-Dinitrotoluene	10.028	165	311919	51.155	ng		95
58) Fluorene	10.369	166	1030678	49.188	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	224337	52.054	ng	#	80
60) Diethylphthalate	10.240	149	1100705	50.980	ng		97
61) 4-Chlorophenyl-phenyle...	10.357	204	485172	51.596	ng		99
62) 4-Nitroaniline	10.416	138	177901m	33.948	ng		
63) Azobenzene	10.516	77	1022471	49.544	ng		98
65) 4,6-Dinitro-2-methylph...	10.439	198	156565	55.786	ng		87
66) n-Nitrosodiphenylamine	10.481	169	741066	45.927	ng		99
67) 4-Bromophenyl-phenylether	10.845	248	303771	54.250	ng		98
68) Hexachlorobenzene	10.916	284	330542	54.495	ng		98
69) Atrazine	11.010	200	127663	25.777	ng		97
70) Pentachlorophenol	11.128	266	233322	125.199	ng		96
71) Phenanthrene	11.334	178	1365467	51.141	ng		100
72) Anthracene	11.386	178	1353041	50.958	ng		100
73) Carbazole	11.545	167	1092095	45.310	ng		99
74) Di-n-butylphthalate	11.857	149	1632014	52.611	ng		99
75) Fluoranthene	12.522	202	1281143	46.891	ng		98
78) Pyrene	12.751	202	1260720	54.957	ng		100
80) Butylbenzylphthalate	13.357	149	583309	60.091	ng		92
81) Benzo(a)anthracene	13.945	228	936803	51.586	ng		99
82) 3,3'-Dichlorobenzidine	13.904	252	32293	5.742	ng		96
83) Chrysene	13.980	228	865910	50.939	ng		100
84) Bis(2-ethylhexyl)phtha...	13.910	149	775713	67.357	ng		98
85) Di-n-octyl phthalate	14.522	149	1119720	70.432	ng		99
87) Indeno(1,2,3-cd)pyrene	16.868	276	923385	56.178	ng		99
88) Benzo(b)fluoranthene	14.986	252	834431	50.897	ng		100
89) Benzo(k)fluoranthene	15.016	252	822678	52.325	ng		98
90) Benzo(a)pyrene	15.345	252	717891	55.605	ng		99
91) Dibenzo(a,h)anthracene	16.868	278	806835	59.492	ng		98
92) Benzo(g,h,i)perylene	17.304	276	811575	59.982	ng		98

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

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