Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090722\
Data File : BF130165.D
Acq On : 07 Sep 2022 16:48
Operator : CG\JU
Sample : N4490-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

Quant Time: Sep 08 02:50:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 07 02:05:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.698	152	194013	20.000	ng		0.00
21) Naphthalene-d8	7.981	136	759666	20.000	ng		0.00
39) Acenaphthene-d10	9.728	164	362647	20.000	ng		0.00
64) Phenanthrene-d10	11.210	188	503616	20.000	ng		0.00
76) Chrysene-d12	13.839	240	323654	20.000	ng		0.00
86) Perylene-d12	15.233	264	419689	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.322	112	1492697	130.614	ng		0.02
7) Phenol-d6	6.340	99	1786880	125.414	ng		0.00
23) Nitrobenzene-d5	7.269	82	1189169	100.601	ng		0.00
42) 2,4,6-Tribromophenol	10.516	330	471654	142.878	ng		0.00
45) 2-Fluorobiphenyl	9.057	172	2075210	94.875	ng		0.00
79) Terphenyl-d14	12.792	244	1632687	87.479	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.510	88	231727	43.387	ng		93
3) Pyridine	3.181	79	539406	37.664	ng		93
4) n-Nitrosodimethylamine	3.116	42	269586	47.865	ng		82
6) Aniline	6.363	93	549659	30.771	ng	#	52
8) 2-Chlorophenol	6.481	128	655441	52.253	ng		99
9) Benzaldehyde	6.251	77	183693	21.064	ng		90
10) Phenol	6.351	94	693262	43.047	ng	#	64
11) bis(2-Chloroethyl)ether	6.445	93	611829	50.001	ng		96
12) 1,3-Dichlorobenzene	6.640	146	608002	43.725	ng		97
13) 1,4-Dichlorobenzene	6.716	146	617712	44.101	ng		97
14) 1,2-Dichlorobenzene	6.869	146	598348	46.994	ng		97
15) Benzyl Alcohol	6.845	79	324231	33.762	ng		92
16) 2,2'-oxybis(1-Chloropr...	6.981	45	759079	45.645	ng	#	57
17) 2-Methylphenol	6.957	107	583731	55.312	ng	#	88
18) Hexachloroethane	7.210	117	227277	44.935	ng		94
19) n-Nitroso-di-n-propyla...	7.122	70	402030	46.838	ng		92
20) 3+4-Methylphenols	7.110	107	561019	45.332	ng	#	65
22) Acetophenone	7.116	105	826634	48.706	ng	#	98
24) Nitrobenzene	7.287	77	633027	50.355	ng		95
25) Isophorone	7.522	82	1143992	47.816	ng		100
26) 2-Nitrophenol	7.598	139	328065	55.001	ng		95
27) 2,4-Dimethylphenol	7.639	122	553422	55.128	ng		97
28) bis(2-Chloroethoxy)met...	7.739	93	744159	51.780	ng		98
29) 2,4-Dichlorophenol	7.839	162	514690	47.931	ng		99
30) 1,2,4-Trichlorobenzene	7.922	180	497635	43.951	ng		99
31) Naphthalene	8.004	128	1697399	44.302	ng		100
32) Benzoic acid	7.698	122	49665m	11.802	ng		
33) 4-Chloroaniline	8.051	127	285819	18.465	ng		97
34) Hexachlorobutadiene	8.116	225	278281	42.915	ng		98
35) Caprolactam	8.422	113	120157	36.109	ng		89
36) 4-Chloro-3-methylphenol	8.539	107	511552	47.078	ng		95
37) 2-Methylnaphthalene	8.692	142	1126875	45.658	ng		98
38) 1-Methylnaphthalene	8.792	142	1075366	44.827	ng		98
40) 1,2,4,5-Tetrachloroben...	8.857	216	479405	50.696	ng		98
41) Hexachlorocyclopentadiene	8.845	237	519340	105.086	ng		97
43) 2,4,6-Trichlorophenol	8.969	196	330481	48.960	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.010	196	369511	50.506	ng		96
46) 1,1'-Biphenyl	9.157	154	1330868	50.514	ng		99
47) 2-Chloronaphthalene	9.181	162	1044618	49.485	ng		99
48) 2-Nitroaniline	9.275	65	299028	57.483	ng		94
49) Acenaphthylene	9.592	152	1553593	48.465	ng		99
50) Dimethylphthalate	9.463	163	1133840	45.903	ng		100
51) 2,6-Dinitrotoluene	9.522	165	257358	53.440	ng	#	87
52) Acenaphthene	9.763	154	959695	47.504	ng		98
53) 3-Nitroaniline	9.686	138	187707	33.958	ng		98
54) 2,4-Dinitrophenol	9.786	184	45479	26.789	ng		89
55) Dibenzofuran	9.933	168	1387768	47.972	ng		100
56) 4-Nitrophenol	9.851	139	325916	76.477	ng		88
57) 2,4-Dinitrotoluene	9.922	165	317755	57.309	ng	#	80
58) Fluorene	10.275	166	1014191	46.076	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.051	232	251380	44.238	ng	#	80
60) Diethylphthalate	10.157	149	1035269	43.324	ng		99
61) 4-Chlorophenyl-phenyle...	10.269	204	462323	47.514	ng		97
62) 4-Nitroaniline	10.298	138	241763	44.972	ng		97
63) Azobenzene	10.428	77	1030503	43.799	ng		97
65) 4,6-Dinitro-2-methylph...	10.322	198	52541	25.434	ng		84
66) n-Nitrosodiphenylamine	10.392	169	902109	53.584	ng		97
67) 4-Bromophenyl-phenylether	10.757	248	306084	54.641	ng		98
68) Hexachlorobenzene	10.816	284	331612	54.329	ng		97
69) Atrazine	10.922	200	255595	53.664	ng		99
70) Pentachlorophenol	11.016	266	258138	75.630	ng		97
71) Phenanthrene	11.233	178	1351404	49.481	ng		100
72) Anthracene	11.286	178	1385517	51.604	ng		99
73) Carbazole	11.439	167	1213481	49.013	ng		99
74) Di-n-butylphthalate	11.780	149	1354220	45.360	ng		99
75) Fluoranthene	12.416	202	1222160	45.126	ng		97
77) Benzidine	12.545	184	497895	56.978	ng		99
78) Pyrene	12.645	202	1235430	42.557	ng		100
80) Butylbenzylphthalate	13.269	149	522975	45.292	ng		98
81) Benzo(a)anthracene	13.827	228	1074274	48.434	ng		99
82) 3,3'-Dichlorobenzidine	13.798	252	288326	41.684	ng		99
83) Chrysene	13.863	228	1071676	49.007	ng		99
84) Bis(2-ethylhexyl)phtha...	13.833	149	677104	47.176	ng		100
85) Di-n-octyl phthalate	14.445	149	1328692	58.606	ng		98
87) Indeno(1,2,3-cd)pyrene	16.586	276	1562340	56.434	ng		97
88) Benzo(b)fluoranthene	14.845	252	1361515	48.647	ng		99
89) Benzo(k)fluoranthene	14.874	252	1229826	45.434	ng		98
90) Benzo(a)pyrene	15.180	252	1189979	53.508	ng		98
91) Dibenzo(a,h)anthracene	16.609	278	1355670	59.844	ng		98
92) Benzo(g,h,i)perylene	16.992	276	1363104	60.142	ng		96

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

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