Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
Data File : BF132771.D
Acq On : 13 Mar 2023 21:00
Operator : CG\JU
Sample : 01863-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
030923-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

Quant Time: Mar 14 01:34:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 13:44:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	209043	20.000	ng		0.00
21) Naphthalene-d8	8.257	136	784200	20.000	ng		0.00
39) Acenaphthene-d10	10.016	164	448371	20.000	ng		0.00
64) Phenanthrene-d10	11.510	188	924636	20.000	ng		0.00
76) Chrysene-d12	14.163	240	423303	20.000	ng	#	0.00
86) Perylene-d12	15.692	264	453175	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.610	112	1216839	94.473	ng		0.01
7) Phenol-d6	6.604	99	1560967	92.860	ng		0.00
23) Nitrobenzene-d5	7.540	82	1023925	61.948	ng		0.00
42) 2,4,6-Tribromophenol	10.816	330	504828	104.256	ng		0.00
45) 2-Fluorobiphenyl	9.334	172	1732019	58.819	ng		0.00
79) Terphenyl-d14	13.092	244	2131433	85.133	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.869	88	266476	37.401	ng		95
3) Pyridine	3.640	79	672676	35.568	ng		93
4) n-Nitrosodimethylamine	3.605	42	267684	37.472	ng		81
6) Aniline	6.634	93	675350	29.854	ng		96
8) 2-Chlorophenol	6.757	128	620887	46.446	ng		97
9) Benzaldehyde	6.522	77	283101	31.211	ng		99
10) Phenol	6.622	94	793619	41.180	ng		96
11) bis(2-Chloroethyl)ether	6.704	93	652054	43.828	ng		94
12) 1,3-Dichlorobenzene	6.910	146	640183	44.626	ng		98
13) 1,4-Dichlorobenzene	6.987	146	633386	44.217	ng		99
14) 1,2-Dichlorobenzene	7.140	146	621487	45.208	ng		98
15) Benzyl Alcohol	7.116	79	562469	43.447	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.240	45	779454	41.084	ng		92
17) 2-Methylphenol	7.228	107	511656	41.011	ng		98
18) Hexachloroethane	7.481	117	252059	45.041	ng		98
19) n-Nitroso-di-n-propyla...	7.387	70	396773	38.352	ng		91
20) 3+4-Methylphenols	7.375	107	578780	35.908	ng		91
22) Acetophenone	7.381	105	764667	38.670	ng	#	91
24) Nitrobenzene	7.557	77	686777	38.851	ng		99
25) Isophorone	7.793	82	1328492	41.922	ng		99
26) 2-Nitrophenol	7.875	139	342666	43.934	ng		90
27) 2,4-Dimethylphenol	7.904	122	530300	43.079	ng		98
28) bis(2-Chloroethoxy)met...	7.998	93	796416	42.961	ng		99
29) 2,4-Dichlorophenol	8.116	162	534446	43.645	ng		99
30) 1,2,4-Trichlorobenzene	8.192	180	575935	43.314	ng		100
31) Naphthalene	8.281	128	1617945	40.302	ng		99
32) Benzoic acid	8.040	122	371413m	39.064	ng		
33) 4-Chloroaniline	8.322	127	209971	12.205	ng		95
34) Hexachlorobutadiene	8.387	225	370541	43.854	ng		98
35) Caprolactam	8.710	113	195312m	48.381	ng		
36) 4-Chloro-3-methylphenol	8.816	107	588703	43.776	ng		94
37) 2-Methylnaphthalene	8.969	142	1098682	40.158	ng		99
38) 1-Methylnaphthalene	9.069	142	1034090	40.444	ng		100
40) 1,2,4,5-Tetrachloroben...	9.139	216	608432	41.476	ng		100
41) Hexachlorocyclopentadiene	9.122	237	575960	72.387	ng		100
43) 2,4,6-Trichlorophenol	9.251	196	413480	41.591	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	460453	39.683	ng		97
46) 1,1'-Biphenyl	9.434	154	1352937	39.867	ng		99
47) 2-Chloronaphthalene	9.463	162	1104015	41.032	ng		99
48) 2-Nitroaniline	9.563	65	373832	37.724	ng		86
49) Acenaphthylene	9.881	152	1701385	39.732	ng		99
50) Dimethylphthalate	9.734	163	1450974	44.444	ng		100
51) 2,6-Dinitrotoluene	9.804	165	325985	43.845	ng	#	85
52) Acenaphthene	10.051	154	1199746m	44.122	ng		
53) 3-Nitroaniline	9.969	138	215848	25.953	ng		99
54) 2,4-Dinitrophenol	10.086	184	327865	70.209	ng		93
55) Dibenzofuran	10.222	168	1580000	39.858	ng		97
56) 4-Nitrophenol	10.145	139	456687	73.629	ng		93
57) 2,4-Dinitrotoluene	10.210	165	431613	43.635	ng		96
58) Fluorene	10.569	166	1256035	41.424	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.345	232	385123	44.682	ng		97
60) Diethylphthalate	10.434	149	1399050	43.878	ng		99
61) 4-Chlorophenyl-phenyle...	10.551	204	677709	43.084	ng		99
62) 4-Nitroaniline	10.598	138	344271	42.169	ng		93
63) Azobenzene	10.716	77	1551172	45.936	ng		99
65) 4,6-Dinitro-2-methylph...	10.622	198	255235	40.777	ng		97
66) n-Nitrosodiphenylamine	10.675	169	1141625	39.604	ng		99
67) 4-Bromophenyl-phenylether	11.045	248	440432	42.110	ng		98
68) Hexachlorobenzene	11.116	284	480273	43.640	ng	#	92
69) Atrazine	11.204	200	434782	48.313	ng		99
70) Pentachlorophenol	11.316	266	446733	68.226	ng		98
71) Phenanthrene	11.539	178	1962974	40.980	ng		99
72) Anthracene	11.586	178	1952309	39.579	ng		99
73) Carbazole	11.745	167	1748525	39.316	ng		99
74) Di-n-butylphthalate	12.057	149	2282459	43.752	ng		100
75) Fluoranthene	12.733	202	2062753	39.392	ng		98
77) Benzidine	12.845	184	553592	53.724	ng		100
78) Pyrene	12.963	202	2144211	55.714	ng		99
80) Butylbenzylphthalate	13.569	149	878917	57.872	ng		95
81) Benzo(a)anthracene	14.151	228	1409661	44.507	ng		98
82) 3,3'-Dichlorobenzidine	14.110	252	182952	19.593	ng		97
83) Chrysene	14.192	228	1276281	43.092	ng		98
84) Bis(2-ethylhexyl)phtha...	14.121	149	1163092	62.342	ng		98
85) Di-n-octyl phthalate	14.739	149	1659546	60.871	ng		98
87) Indeno(1,2,3-cd)pyrene	17.280	276	1344959	45.294	ng		99
88) Benzo(b)fluoranthene	15.239	252	1348086	44.389	ng		98
89) Benzo(k)fluoranthene	15.274	252	1144908	38.520	ng		100
90) Benzo(a)pyrene	15.633	252	1177589	41.430	ng		99
91) Dibenzo(a,h)anthracene	17.292	278	1094291	45.230	ng		98
92) Benzo(g,h,i)perylene	17.757	276	1040293	38.383	ng		100

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

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