Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132806.D
Acq On : 15 Mar 2023 16:45
Operator : CG\JU
Sample : 01908-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HILLBOR-DRUMS-0314

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023

Quant Time: Mar 16 05:45:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 14 15:35:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	215442	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	844094	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	456287	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	841461	20.000	ng		0.00
76) Chrysene-d12	14.157	240	288737	20.000	ng		0.00
86) Perylene-d12	15.686	264	296801	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	1349873	101.689	ng		0.01
7) Phenol-d6	6.604	99	1721323	99.358	ng		0.00
23) Nitrobenzene-d5	7.534	82	1122369	63.086	ng		0.00
42) 2,4,6-Tribromophenol	10.810	330	460775	93.507	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	1659419	55.376	ng		0.00
79) Terphenyl-d14	13.092	244	1266155	74.142	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.887	88	289779	39.464	ng		94
3) Pyridine	3.652	79	725039	37.199	ng		93
4) n-Nitrosodimethylamine	3.622	42	284929	38.701	ng		83
6) Aniline	6.628	93	501670	21.517	ng		99
8) 2-Chlorophenol	6.757	128	641143	46.536	ng		93
9) Benzaldehyde	6.522	77	273563	29.263	ng		95
10) Phenol	6.616	94	773947	38.966	ng		97
11) bis(2-Chloroethyl)ether	6.698	93	646576	42.169	ng		95
12) 1,3-Dichlorobenzene	6.904	146	645211	43.640	ng		98
13) 1,4-Dichlorobenzene	6.981	146	637333	43.171	ng		99
14) 1,2-Dichlorobenzene	7.134	146	617866	43.610	ng		100
15) Benzyl Alcohol	7.110	79	544173	40.785	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.234	45	715218	36.579	ng		82
17) 2-Methylphenol	7.222	107	498110	38.739	ng		98
18) Hexachloroethane	7.475	117	250954	43.511	ng		98
19) n-Nitroso-di-n-propyla...	7.381	70	381756	35.805	ng		92
20) 3+4-Methylphenols	7.375	107	581740	35.020	ng		94
22) Acetophenone	7.375	105	770744	36.212	ng		93
24) Nitrobenzene	7.551	77	687432	36.128	ng		99
25) Isophorone	7.787	82	1297217	38.031	ng		100
26) 2-Nitrophenol	7.869	139	345841	41.195	ng		91
27) 2,4-Dimethylphenol	7.904	122	528613	39.895	ng		97
28) bis(2-Chloroethoxy)met...	7.992	93	777967	38.988	ng		99
29) 2,4-Dichlorophenol	8.110	162	512957	38.918	ng		98
30) 1,2,4-Trichlorobenzene	8.192	180	557713	38.968	ng		97
31) Naphthalene	8.275	128	1623906	37.580	ng		100
32) Benzoic acid	8.040	122	371517m	36.574	ng		
33) 4-Chloroaniline	8.322	127	125004	6.751	ng	#	93
34) Hexachlorobutadiene	8.381	225	357644	39.324	ng		99
35) Caprolactam	8.710	113	181390m	41.744	ng		
36) 4-Chloro-3-methylphenol	8.810	107	548053	37.862	ng		93
37) 2-Methylnaphthalene	8.963	142	1081723	36.732	ng		99
38) 1-Methylnaphthalene	9.063	142	1006208	36.561	ng		99
40) 1,2,4,5-Tetrachloroben...	9.134	216	576774	38.635	ng		99
41) Hexachlorocyclopentadiene	9.116	237	564809	69.754	ng		99
43) 2,4,6-Trichlorophenol	9.245	196	384817	38.036	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.292	196	404341	34.243	ng		97
46) 1,1'-Biphenyl	9.428	154	1323547	38.324	ng		99
47) 2-Chloronaphthalene	9.457	162	1082193	39.523	ng		99
48) 2-Nitroaniline	9.557	65	349139	34.621	ng		87
49) Acenaphthylene	9.875	152	1618085	37.131	ng		99
50) Dimethylphthalate	9.728	163	1292477	38.903	ng		100
51) 2,6-Dinitrotoluene	9.798	165	296490	39.186	ng	#	86
52) Acenaphthene	10.045	154	1126825m	40.721	ng		
53) 3-Nitroaniline	9.969	138	147693	17.450	ng		89
54) 2,4-Dinitrophenol	10.081	184	312053	65.783	ng		95
55) Dibenzofuran	10.222	168	1460863	36.213	ng		99
56) 4-Nitrophenol	10.139	139	393931	62.409	ng		89
57) 2,4-Dinitrotoluene	10.204	165	381617	37.912	ng		95
58) Fluorene	10.563	166	1143659	37.063	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.339	232	341453	38.928	ng		98
60) Diethylphthalate	10.428	149	1186220	36.558	ng		99
61) 4-Chlorophenyl-phenyle...	10.551	204	603787	37.719	ng		91
62) 4-Nitroaniline	10.592	138	292755	35.237	ng		90
63) Azobenzene	10.710	77	1291318	37.577	ng		98
65) 4,6-Dinitro-2-methylph...	10.616	198	222599	39.078	ng		98
66) n-Nitrosodiphenylamine	10.669	169	1002604	38.219	ng		100
67) 4-Bromophenyl-phenylether	11.039	248	377749	39.687	ng		99
68) Hexachlorobenzene	11.110	284	425316	42.466	ng	#	94
69) Atrazine	11.198	200	344697	42.089	ng		100
70) Pentachlorophenol	11.310	266	367432	61.662	ng		99
71) Phenanthrene	11.533	178	1630800	37.411	ng		99
72) Anthracene	11.586	178	1673320	37.276	ng		100
73) Carbazole	11.739	167	1491267	36.846	ng		99
74) Di-n-butylphthalate	12.051	149	1227526	25.856	ng		99
75) Fluoranthene	12.722	202	1173306	24.621	ng		99
77) Benzidine	12.839	184	295969	42.109	ng		99
78) Pyrene	12.957	202	1189883	45.327	ng		99
80) Butylbenzylphthalate	13.557	149	419017	40.448	ng		99
81) Benzo(a)anthracene	14.151	228	862445	39.921	ng		98
82) 3,3'-Dichlorobenzidine	14.104	252	95595	15.009	ng		97
83) Chrysene	14.186	228	808231	40.007	ng		99
84) Bis(2-ethylhexyl)phtha...	14.116	149	455881	35.823	ng		99
85) Di-n-octyl phthalate	14.733	149	713567	38.371	ng		98
87) Indeno(1,2,3-cd)pyrene	17.274	276	890604	45.795	ng		96
88) Benzo(b)fluoranthene	15.233	252	812367	40.843	ng		99
89) Benzo(k)fluoranthene	15.263	252	697949	35.854	ng		99
90) Benzo(a)pyrene	15.627	252	700004	37.603	ng		99
91) Dibenzo(a,h)anthracene	17.286	278	720177	45.450	ng	#	96
92) Benzo(g,h,i)perylene	17.757	276	775270	43.452	ng		97

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

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