Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
Data File : BF132805.D
Acq On : 15 Mar 2023 16:13
Operator : CG\JU
Sample : 01908-01MS
Misc :
ALS Vial : 10 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 05:45:20 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	211820	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	819227	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	439716	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	810726	20.000	ng		0.00
76) Chrysene-d12	14.157	240	411440	20.000	ng	#	0.00
86) Perylene-d12	15.686	264	420164	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	1298471	99.489	ng		0.01
7) Phenol-d6	6.604	99	1741329	102.231	ng		0.00
23) Nitrobenzene-d5	7.534	82	1137568	65.881	ng		0.00
42) 2,4,6-Tribromophenol	10.810	330	463917	97.693	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	1766638	61.176	ng		0.00
79) Terphenyl-d14	13.092	244	1768460	72.672	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.887	88	283608	39.284	ng		95
3) Pyridine	3.652	79	724419	37.802	ng		93
4) n-Nitrosodimethylamine	3.622	42	282764	39.064	ng		82
6) Aniline	6.628	93	528780	23.068	ng		98
8) 2-Chlorophenol	6.757	128	637349	47.052	ng		93
9) Benzaldehyde	6.522	77	280772	30.548	ng		95
10) Phenol	6.616	94	798731	40.901	ng		96
11) bis(2-Chloroethyl)ether	6.699	93	665419	44.140	ng		94
12) 1,3-Dichlorobenzene	6.904	146	656850	45.187	ng		98
13) 1,4-Dichlorobenzene	6.987	146	653538	45.026	ng		98
14) 1,2-Dichlorobenzene	7.134	146	627567	45.052	ng		99
15) Benzyl Alcohol	7.110	79	564725	43.049	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.240	45	764979	39.793	ng		95
17) 2-Methylphenol	7.222	107	517339	40.923	ng		98
18) Hexachloroethane	7.475	117	254922	44.955	ng		99
19) n-Nitroso-di-n-propyla...	7.381	70	386094	36.831	ng		93
20) 3+4-Methylphenols	7.375	107	590162	36.134	ng		92
22) Acetophenone	7.375	105	772379	37.390	ng	#	92
24) Nitrobenzene	7.551	77	697898	37.792	ng		98
25) Isophorone	7.787	82	1292471	39.042	ng		99
26) 2-Nitrophenol	7.869	139	347790	42.684	ng		93
27) 2,4-Dimethylphenol	7.904	122	537343	41.785	ng		96
28) bis(2-Chloroethoxy)met...	7.993	93	795815	41.093	ng		100
29) 2,4-Dichlorophenol	8.110	162	528536	41.317	ng		99
30) 1,2,4-Trichlorobenzene	8.193	180	578807	41.669	ng		98
31) Naphthalene	8.275	128	1637900	39.054	ng		100
32) Benzoic acid	8.040	122	353482m	35.930	ng		
33) 4-Chloroaniline	8.322	127	137448	7.648	ng	#	93
34) Hexachlorobutadiene	8.381	225	360478	40.839	ng		99
35) Caprolactam	8.710	113	186135m	44.136	ng		
36) 4-Chloro-3-methylphenol	8.810	107	563053	40.079	ng		94
37) 2-Methylnaphthalene	8.963	142	1095194	38.319	ng		99
38) 1-Methylnaphthalene	9.063	142	1013261	37.935	ng		99
40) 1,2,4,5-Tetrachloroben...	9.134	216	585126	40.672	ng		100
41) Hexachlorocyclopentadiene	9.116	237	578287	74.110	ng		99
43) 2,4,6-Trichlorophenol	9.245	196	388755	39.874	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.292	196	416740	36.623	ng		99
46)	1,1'-Biphenyl	9.428	154	1309777	39.355	ng		99
47)	2-Chloronaphthalene	9.457	162	1061919	40.244	ng		99
48)	2-Nitroaniline	9.557	65	345319	35.533	ng		87
49)	Acenaphthylene	9.875	152	1605880	38.239	ng		100
50)	Dimethylphthalate	9.728	163	1277701	39.907	ng		100
51)	2,6-Dinitrotoluene	9.798	165	293571	40.262	ng	#	84
52)	Acenaphthene	10.045	154	1110513m	41.644	ng		
53)	3-Nitroaniline	9.963	138	148544	18.212	ng		98
54)	2,4-Dinitrophenol	10.081	184	310765	67.919	ng		95
55)	Dibenzofuran	10.216	168	1464319	37.667	ng		100
56)	4-Nitrophenol	10.139	139	391268	64.324	ng		91
57)	2,4-Dinitrotoluene	10.204	165	374882	38.646	ng		96
58)	Fluorene	10.563	166	1142593	38.424	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.339	232	341137	40.357	ng		96
60)	Diethylphthalate	10.428	149	1178025	37.674	ng		99
61)	4-Chlorophenyl-phenyle...	10.545	204	598278	38.783	ng		98
62)	4-Nitroaniline	10.586	138	290911	36.334	ng		92
63)	Azobenzene	10.710	77	1282445	38.726	ng		99
65)	4,6-Dinitro-2-methylph...	10.616	198	222861	40.607	ng		98
66)	n-Nitrosodiphenylamine	10.669	169	998728	39.515	ng		99
67)	4-Bromophenyl-phenylether	11.039	248	373621	40.741	ng		99
68)	Hexachlorobenzene	11.110	284	423840	43.923	ng	#	94
69)	Atrazine	11.198	200	345380	43.771	ng		99
70)	Pentachlorophenol	11.310	266	371473	64.703	ng		99
71)	Phenanthrene	11.534	178	1633783	38.900	ng		99
72)	Anthracene	11.581	178	1678378	38.806	ng		99
73)	Carbazole	11.739	167	1486258	38.115	ng		99
74)	Di-n-butylphthalate	12.051	149	1770876	38.715	ng		100
75)	Fluoranthene	12.728	202	1686487	36.731	ng		98
77)	Benzidine	12.845	184	418515	41.786	ng		98
78)	Pyrene	12.957	202	1702965	45.525	ng		100
80)	Butylbenzylphthalate	13.563	149	606525	41.088	ng		93
81)	Benzo(a)anthracene	14.151	228	1254311	40.744	ng		98
82)	3,3'-Dichlorobenzidine	14.104	252	137152	15.112	ng		100
83)	Chrysene	14.186	228	1153969	40.086	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.110	149	657243	36.244	ng		99
85)	Di-n-octyl phthalate	14.733	149	1060381	40.016	ng		97
87)	Indeno(1,2,3-cd)pyrene	17.274	276	1294758	47.029	ng		100
88)	Benzo(b)fluoranthene	15.233	252	1202473	42.706	ng		98
89)	Benzo(k)fluoranthene	15.263	252	1028273	37.314	ng		99
90)	Benzo(a)pyrene	15.627	252	1026289	38.944	ng		98
91)	Dibenzo(a,h)anthracene	17.286	278	1037290	46.243	ng		99
92)	Benzo(g,h,i)perylene	17.751	276	1119856	44.304	ng		99

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

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