Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
Data File : BF132770.D
Acq On : 13 Mar 2023 20:28
Operator : CG\JU
Sample : 01863-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 14 01:34:15 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

Instrument :
BNA_F
ClientSampleId :
030923-1MS

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	214835	20.000	ng		0.00
21) Naphthalene-d8	8.257	136	817347	20.000	ng		0.00
39) Acenaphthene-d10	10.016	164	458403	20.000	ng		0.00
64) Phenanthrene-d10	11.510	188	902116	20.000	ng		0.00
76) Chrysene-d12	14.163	240	451844	20.000	ng	#	0.00
86) Perylene-d12	15.692	264	456013	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.610	112	1256700	94.937	ng		0.01
7) Phenol-d6	6.604	99	1606372	92.985	ng		0.00
23) Nitrobenzene-d5	7.540	82	1062605	61.681	ng		0.00
42) 2,4,6-Tribromophenol	10.810	330	484782	97.925	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	1735538	57.649	ng		0.00
79) Terphenyl-d14	13.092	244	2100907	78.613	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.869	88	280167	38.263	ng		95
3) Pyridine	3.640	79	714460	36.759	ng		91
4) n-Nitrosodimethylamine	3.604	42	276073	37.604	ng		85
6) Aniline	6.634	93	634260	27.281	ng		95
8) 2-Chlorophenol	6.757	128	643666	46.851	ng		97
9) Benzaldehyde	6.522	77	290106	31.121	ng		98
10) Phenol	6.622	94	821462	41.475	ng		95
11) bis(2-Chloroethyl)ether	6.704	93	673369	44.040	ng		94
12) 1,3-Dichlorobenzene	6.910	146	673394	45.675	ng		97
13) 1,4-Dichlorobenzene	6.987	146	671909	45.642	ng		99
14) 1,2-Dichlorobenzene	7.140	146	643339	45.536	ng		99
15) Benzyl Alcohol	7.116	79	577830	43.430	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.240	45	805413	41.308	ng		93
17) 2-Methylphenol	7.228	107	532418	41.524	ng		98
18) Hexachloroethane	7.481	117	259346	45.093	ng		98
19) n-Nitroso-di-n-propyla...	7.387	70	400629	37.681	ng		90
20) 3+4-Methylphenols	7.375	107	589735	35.601	ng		95
22) Acetophenone	7.381	105	792223	38.439	ng	#	90
24) Nitrobenzene	7.557	77	710168	38.545	ng		100
25) Isophorone	7.792	82	1347691	40.803	ng		99
26) 2-Nitrophenol	7.875	139	355804	43.768	ng		89
27) 2,4-Dimethylphenol	7.904	122	543758	42.381	ng		99
28) bis(2-Chloroethoxy)met...	7.998	93	823048	42.597	ng		100
29) 2,4-Dichlorophenol	8.116	162	545892	42.772	ng		99
30) 1,2,4-Trichlorobenzene	8.192	180	595582	42.975	ng		100
31) Naphthalene	8.281	128	1678812	40.122	ng		99
32) Benzoic acid	8.039	122	364823m	37.036	ng		
33) 4-Chloroaniline	8.322	127	184468	10.288	ng		94
34) Hexachlorobutadiene	8.387	225	370230	42.040	ng		100
35) Caprolactam	8.710	113	200793m	47.721	ng		
36) 4-Chloro-3-methylphenol	8.816	107	603914	43.086	ng		93
37) 2-Methylnaphthalene	8.969	142	1140368	39.991	ng		100
38) 1-Methylnaphthalene	9.069	142	1070059	40.154	ng		99
40) 1,2,4,5-Tetrachloroben...	9.139	216	616794	41.125	ng		99
41) Hexachlorocyclopentadiene	9.122	237	574467	70.619	ng		99
43) 2,4,6-Trichlorophenol	9.251	196	420114	41.334	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.298	196	452248	38.123	ng		98
46)	1,1'-Biphenyl	9.434	154	1392458	40.133	ng		99
47)	2-Chloronaphthalene	9.463	162	1124091	40.864	ng		99
48)	2-Nitroaniline	9.557	65	374781	36.992	ng		91
49)	Acenaphthylene	9.881	152	1735528	39.642	ng		99
50)	Dimethylphthalate	9.733	163	1421355	42.584	ng		99
51)	2,6-Dinitrotoluene	9.798	165	327218	43.047	ng		98
52)	Acenaphthene	10.051	154	1198790m	43.122	ng		
53)	3-Nitroaniline	9.969	138	212927	25.041	ng		99
54)	2,4-Dinitrophenol	10.086	184	329422	69.030	ng	#	88
55)	Dibenzofuran	10.222	168	1592086	39.284	ng		98
56)	4-Nitrophenol	10.139	139	462104	72.872	ng		98
57)	2,4-Dinitrotoluene	10.210	165	423216	41.850	ng		94
58)	Fluorene	10.569	166	1262595	40.729	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.339	232	386290	43.836	ng		96
60)	Diethylphthalate	10.433	149	1363003	41.812	ng		99
61)	4-Chlorophenyl-phenyle...	10.551	204	665948	41.410	ng		98
62)	4-Nitroaniline	10.592	138	351028	42.056	ng		94
63)	Azobenzene	10.716	77	1572392	45.545	ng		99
65)	4,6-Dinitro-2-methylph...	10.622	198	252097	41.281	ng		94
66)	n-Nitrosodiphenylamine	10.675	169	1134366	40.334	ng		99
67)	4-Bromophenyl-phenylether	11.045	248	431504	42.286	ng		99
68)	Hexachlorobenzene	11.116	284	480647	44.764	ng		96
69)	Atrazine	11.204	200	416680	47.458	ng		100
70)	Pentachlorophenol	11.316	266	437247	68.445	ng		98
71)	Phenanthrene	11.533	178	1904798	40.758	ng		99
72)	Anthracene	11.586	178	1909950	39.687	ng		99
73)	Carbazole	11.745	167	1712829	39.475	ng		99
74)	Di-n-butylphthalate	12.057	149	2211492	43.450	ng		100
75)	Fluoranthene	12.727	202	2095474	41.015	ng		100
77)	Benzidine	12.845	184	528386	48.039	ng		99
78)	Pyrene	12.963	202	2175904	52.967	ng		100
80)	Butylbenzylphthalate	13.563	149	879744	54.268	ng		98
81)	Benzo(a)anthracene	14.151	228	1477667	43.708	ng		98
82)	3,3'-Dichlorobenzidine	14.110	252	173187	17.376	ng	#	97
83)	Chrysene	14.192	228	1357391	42.936	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.121	149	1196217	60.067	ng	#	98
85)	Di-n-octyl phthalate	14.739	149	1626340	55.885	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.280	276	1375841	46.046	ng		99
88)	Benzo(b)fluoranthene	15.239	252	1275458	41.737	ng		98
89)	Benzo(k)fluoranthene	15.268	252	1221250	40.833	ng		99
90)	Benzo(a)pyrene	15.633	252	1185526	41.450	ng		99
91)	Dibenzo(a,h)anthracene	17.292	278	1121790	46.078	ng		99
92)	Benzo(g,h,i)perylene	17.756	276	1077329	39.455	ng		99

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

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