Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022223\
Data File : BF132505.D
Acq On : 22 Feb 2023 14:52
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 23 00:27:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 23 00:06:56 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.013	152	221468	20.000	ng		0.00
21) Naphthalene-d8	8.301	136	773966	20.000	ng		0.00
39) Acenaphthene-d10	10.060	164	408568	20.000	ng		0.00
64) Phenanthrene-d10	11.560	188	775561	20.000	ng		0.00
76) Chrysene-d12	14.218	240	450337	20.000	ng		0.00
86) Perylene-d12	15.765	264	421871	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.642	112	1253550	91.863	ng		0.00
7) Phenol-d6	6.648	99	1615520	90.713	ng		0.00
23) Nitrobenzene-d5	7.584	82	1539588	94.377	ng		0.00
42) 2,4,6-Tribromophenol	10.860	330	412353	93.454	ng		0.00
45) 2-Fluorobiphenyl	9.378	172	2272247	84.683	ng		0.00
79) Terphenyl-d14	13.148	244	2582881	96.972	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.896	88	369053	48.892	ng		100
3) Pyridine	3.672	79	978840	48.853	ng		100
4) n-Nitrosodimethylamine	3.643	42	378460	50.006	ng		94
6) Aniline	6.678	93	1156292	48.246	ng		100
8) 2-Chlorophenol	6.801	128	647406	45.712	ng		98
9) Benzaldehyde	6.566	77	424165	44.139	ng		98
10) Phenol	6.660	94	934601	45.774	ng		97
11) bis(2-Chloroethyl)ether	6.748	93	743317	47.159	ng		97
12) 1,3-Dichlorobenzene	6.954	146	700624	46.099	ng		98
13) 1,4-Dichlorobenzene	7.031	146	696962	45.926	ng		99
14) 1,2-Dichlorobenzene	7.189	146	624267	42.863	ng		97
15) Benzyl Alcohol	7.154	79	649652	47.366	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.284	45	915481	45.547	ng		94
17) 2-Methylphenol	7.266	107	614695	46.505	ng		99
18) Hexachloroethane	7.525	117	277667	46.833	ng		96
19) n-Nitroso-di-n-propyla...	7.431	70	486890	44.423	ng		96
20) 3+4-Methylphenols	7.419	107	686417	40.197	ng		92
22) Acetophenone	7.425	105	877822	44.980	ng	#	95
24) Nitrobenzene	7.601	77	825651	47.324	ng		96
25) Isophorone	7.836	82	1464951	46.839	ng		99
26) 2-Nitrophenol	7.913	139	373474	48.517	ng		98
27) 2,4-Dimethylphenol	7.948	122	562204	46.275	ng		97
28) bis(2-Chloroethoxy)met...	8.042	93	858721	46.935	ng		99
29) 2,4-Dichlorophenol	8.160	162	570943	47.242	ng		99
30) 1,2,4-Trichlorobenzene	8.236	180	616534	46.981	ng		100
31) Naphthalene	8.325	128	1798337	45.387	ng		99
32) Benzoic acid	8.084	122	476861m	50.515	ng		
33) 4-Chloroaniline	8.372	127	802728	47.278	ng		96
34) Hexachlorobutadiene	8.431	225	398478	47.784	ng		99
35) Caprolactam	8.760	113	193851	49.722	ng		92
36) 4-Chloro-3-methylphenol	8.854	107	627810	47.302	ng		97
37) 2-Methylnaphthalene	9.013	142	1229939	45.550	ng		98
38) 1-Methylnaphthalene	9.113	142	1152139	45.657	ng		100
40) 1,2,4,5-Tetrachloroben...	9.178	216	630958	47.201	ng		100
41) Hexachlorocyclopentadiene	9.166	237	385888	53.223	ng		98
43) 2,4,6-Trichlorophenol	9.295	196	433523	47.855	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.342	196	506509	47.905	ng		98
46)	1,1'-Biphenyl	9.478	154	1417559	45.840	ng		99
47)	2-Chloronaphthalene	9.507	162	1132866	46.206	ng		99
48)	2-Nitroaniline	9.601	65	434345	48.100	ng		99
49)	Acenaphthylene	9.925	152	1811542	46.425	ng		100
50)	Dimethylphthalate	9.778	163	1385118	46.560	ng		100
51)	2,6-Dinitrotoluene	9.842	165	325895	48.103	ng		94
52)	Acenaphthene	10.101	154	1153158	47.278	ng		100
53)	3-Nitroaniline	10.019	138	367243	48.457	ng		96
54)	2,4-Dinitrophenol	10.125	184	212489	50.468	ng		90
55)	Dibenzofuran	10.272	168	1632454	45.193	ng		98
56)	4-Nitrophenol	10.177	139	284416	50.322	ng		95
57)	2,4-Dinitrotoluene	10.248	165	435296	48.295	ng		96
58)	Fluorene	10.613	166	1241831	44.945	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.389	232	382138	48.654	ng		99
60)	Diethylphthalate	10.477	149	1366608	47.036	ng		100
61)	4-Chlorophenyl-phenyle...	10.601	204	647652	45.185	ng		99
62)	4-Nitroaniline	10.642	138	357575	48.321	ng		98
63)	Azobenzene	10.766	77	1444887	46.957	ng		98
65)	4,6-Dinitro-2-methylph...	10.660	198	271718	51.754	ng		92
66)	n-Nitrosodiphenylamine	10.725	169	1124585	46.511	ng		98
67)	4-Bromophenyl-phenylether	11.095	248	415225	47.331	ng		96
68)	Hexachlorobenzene	11.166	284	434391	47.058	ng		97
69)	Atrazine	11.248	200	351707	46.594	ng		98
70)	Pentachlorophenol	11.360	266	285969	52.838	ng		99
71)	Phenanthrene	11.583	178	1839892	45.794	ng		99
72)	Anthracene	11.636	178	1901684	45.963	ng		99
73)	Carbazole	11.789	167	1706055	45.735	ng		100
74)	Di-n-butylphthalate	12.107	149	2018772	46.136	ng		100
75)	Fluoranthene	12.777	202	2005584	45.662	ng		99
77)	Benzidine	12.895	184	600883	54.813	ng		99
78)	Pyrene	13.013	202	2033178	49.658	ng		100
80)	Butylbenzylphthalate	13.618	149	805030	49.825	ng		98
81)	Benzo(a)anthracene	14.207	228	1613469	47.884	ng		98
82)	3,3'-Dichlorobenzidine	14.165	252	470004	47.313	ng	#	99
83)	Chrysene	14.242	228	1479146	46.943	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.171	149	966676	48.703	ng		100
85)	Di-n-octyl phthalate	14.801	149	1407480	48.527	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.383	276	1472655	53.274	ng		99
88)	Benzo(b)fluoranthene	15.307	252	1310869	46.367	ng		98
89)	Benzo(k)fluoranthene	15.336	252	1273899	46.040	ng		99
90)	Benzo(a)pyrene	15.707	252	1271871	48.068	ng		99
91)	Dibenzo(a,h)anthracene	17.401	278	1193618	52.997	ng		99
92)	Benzo(g,h,i)perylene	17.877	276	1249446	49.052	ng		98

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

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