Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022223\
Data File : BF132502.D
Acq On : 22 Feb 2023 13:14
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 23 00:22:29 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 :
SSTDICC010

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	7.007	152	198607	20.000	ng		0.00
21) Naphthalene-d8	8.295	136	738662	20.000	ng		0.00
39) Acenaphthene-d10	10.060	164	396042	20.000	ng		0.00
64) Phenanthrene-d10	11.554	188	772323	20.000	ng		0.00
76) Chrysene-d12	14.213	240	583245	20.000	ng		0.00
86) Perylene-d12	15.771	264	488944	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.637	112	272146	22.239	ng		0.00
7) Phenol-d6	6.637	99	364407	22.817	ng		0.00
23) Nitrobenzene-d5	7.572	82	326450	20.968	ng		0.00
42) 2,4,6-Tribromophenol	10.854	330	89949	21.030	ng		0.00
45) 2-Fluorobiphenyl	9.372	172	589016	22.646	ng		0.00
79) Terphenyl-d14	13.142	244	679841	19.708	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.896	88	67413	9.959	ng		98
3) Pyridine	3.678	79	181736	10.114	ng		99
4) n-Nitrosodimethylamine	3.613	42	66104	9.740	ng		92
6) Aniline	6.666	93	226911	10.558	ng		99
8) 2-Chlorophenol	6.795	128	144534	11.380	ng		99
9) Benzaldehyde	6.560	77	104288	12.101	ng		99
10) Phenol	6.648	94	208338	11.378	ng		96
11) bis(2-Chloroethyl)ether	6.737	93	151458	10.715	ng		96
12) 1,3-Dichlorobenzene	6.948	146	152157	11.164	ng		98
13) 1,4-Dichlorobenzene	7.025	146	152462	11.203	ng		99
14) 1,2-Dichlorobenzene	7.178	146	143588	10.994	ng		98
15) Benzyl Alcohol	7.142	79	130471	10.608	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.278	45	202169	11.216	ng		97
17) 2-Methylphenol	7.260	107	132374	11.168	ng		96
18) Hexachloroethane	7.525	117	56663	10.657	ng		96
19) n-Nitroso-di-n-propyla...	7.407	70	109969	11.188	ng		100
20) 3+4-Methylphenols	7.413	107	166513	10.873	ng	#	78
22) Acetophenone	7.413	105	209095	11.226	ng		92
24) Nitrobenzene	7.589	77	172674	10.370	ng		99
25) Isophorone	7.825	82	303408	10.165	ng		99
26) 2-Nitrophenol	7.907	139	74334	10.118	ng		94
27) 2,4-Dimethylphenol	7.942	122	125628	10.835	ng		97
28) bis(2-Chloroethoxy)met...	8.031	93	184791	10.583	ng		100
29) 2,4-Dichlorophenol	8.160	162	122491	10.620	ng		98
30) 1,2,4-Trichlorobenzene	8.236	180	133077	10.625	ng		97
31) Naphthalene	8.319	128	420577	11.122	ng		98
32) Benzoic acid	8.019	122	52075m	9.052	ng		
33) 4-Chloroaniline	8.360	127	170874	10.545	ng		97
34) Hexachlorobutadiene	8.431	225	83338	10.471	ng		100
35) Caprolactam	8.707	113	36781	9.885	ng		96
36) 4-Chloro-3-methylphenol	8.848	107	133035	10.502	ng		97
37) 2-Methylnaphthalene	9.007	142	285999	11.098	ng		99
38) 1-Methylnaphthalene	9.107	142	268821	11.162	ng		97
40) 1,2,4,5-Tetrachloroben...	9.172	216	139846	10.793	ng		99
41) Hexachlorocyclopentadiene	9.160	237	63589	9.048	ng		94
43) 2,4,6-Trichlorophenol	9.289	196	91415	10.410	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.336	196	105759	10.319	ng	95
46)	1,1'-Biphenyl	9.472	154	333318	11.120	ng	99
47)	2-Chloronaphthalene	9.501	162	260572	10.964	ng	98
48)	2-Nitroaniline	9.595	65	88835	10.149	ng	95
49)	Acenaphthylene	9.919	152	423243	11.190	ng	98
50)	Dimethylphthalate	9.766	163	308816	10.709	ng	98
51)	2,6-Dinitrotoluene	9.830	165	68876	10.488	ng	98
52)	Acenaphthene	10.089	154	257465	10.890	ng	99
53)	3-Nitroaniline	10.007	138	74595	10.154	ng	99
54)	2,4-Dinitrophenol	10.113	184	27582	8.356	ng	95
55)	Dibenzofuran	10.266	168	395483	11.295	ng	97
56)	4-Nitrophenol	10.178	139	51714	9.439	ng	93
57)	2,4-Dinitrotoluene	10.236	165	90886	10.402	ng	99
58)	Fluorene	10.607	166	299671	11.189	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.383	232	77617	10.195	ng	99
60)	Diethylphthalate	10.466	149	302141	10.728	ng	99
61)	4-Chlorophenyl-phenyle...	10.595	204	154668	11.132	ng	97
62)	4-Nitroaniline	10.619	138	73638	10.266	ng	97
63)	Azobenzene	10.760	77	322166	10.801	ng	99
65)	4,6-Dinitro-2-methylph...	10.648	198	48619	9.299	ng	98
66)	n-Nitrosodiphenylamine	10.713	169	260105	10.803	ng	98
67)	4-Bromophenyl-phenylether	11.089	248	91115	10.430	ng	96
68)	Hexachlorobenzene	11.160	284	96179	10.463	ng	97
69)	Atrazine	11.236	200	80067	10.652	ng	97
70)	Pentachlorophenol	11.360	266	41132m	7.632	ng	
71)	Phenanthrene	11.577	178	442156	11.051	ng	98
72)	Anthracene	11.630	178	455393	11.053	ng	99
73)	Carbazole	11.783	167	407712	10.976	ng	98
74)	Di-n-butylphthalate	12.107	149	470146	10.790	ng	98
75)	Fluoranthene	12.771	202	488413	11.166	ng	99
77)	Benzidine	12.895	184	128492	9.050	ng	99
78)	Pyrene	13.007	202	499936	9.428	ng	99
80)	Butylbenzylphthalate	13.613	149	195487	9.342	ng	95
81)	Benzo(a)anthracene	14.201	228	441030	10.106	ng	99
82)	3,3'-Dichlorobenzidine	14.160	252	137822	10.712	ng	99
83)	Chrysene	14.236	228	421282	10.323	ng	98
84)	Bis(2-ethylhexyl)phtha...	14.171	149	256286	9.970	ng	100
85)	Di-n-octyl phthalate	14.801	149	372841	9.925	ng	99
87)	Indeno(1,2,3-cd)pyrene	17.365	276	272724	8.513	ng	99
88)	Benzo(b)fluoranthene	15.301	252	340902	10.404	ng	99
89)	Benzo(k)fluoranthene	15.330	252	347902	10.849	ng	98
90)	Benzo(a)pyrene	15.695	252	311463	10.156	ng	98
91)	Dibenzo(a,h)anthracene	17.383	278	224778	8.611	ng	99
92)	Benzo(g,h,i)perylene	17.853	276	224790	8.978	ng	100

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

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