Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
Data File : BF131739.D
Acq On : 21 Dec 2022 10:12
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 22 05:12:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 03:12:37 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	94725	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	331042	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	201674	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	402076	20.000	ng		0.00
76) Chrysene-d12	14.069	240	238807	20.000	ng	#	0.00
86) Perylene-d12	15.557	264	181519	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	420665	74.780	ng		0.00
7) Phenol-d6	6.498	99	557238	73.596	ng		0.00
23) Nitrobenzene-d5	7.440	82	619396	75.958	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	173837	78.752	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1099061	76.341	ng		0.00
79) Terphenyl-d14	13.010	244	1320725	86.194	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	99330	37.786	ng		100
3) Pyridine	3.340	79	285769	38.124	ng		99
4) n-Nitrosodimethylamine	3.310	42	127005	37.450	ng	#	96
6) Aniline	6.534	93	348478	37.280	ng		99
8) 2-Chlorophenol	6.651	128	225887	37.386	ng		99
9) Benzaldehyde	6.416	77	173710	39.182	ng		97
10) Phenol	6.510	94	336191	37.189	ng		99
11) bis(2-Chloroethyl)ether	6.604	93	243163	37.589	ng		98
12) 1,3-Dichlorobenzene	6.804	146	255370	37.390	ng		99
13) 1,4-Dichlorobenzene	6.887	146	258138	36.975	ng		99
14) 1,2-Dichlorobenzene	7.040	146	241586	36.959	ng		98
15) Benzyl Alcohol	7.010	79	253035	37.416	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	314438	38.119	ng		99
17) 2-Methylphenol	7.122	107	212353	37.229	ng		97
18) Hexachloroethane	7.381	117	105815	38.235	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	201690	36.935	ng		98
20) 3+4-Methylphenols	7.281	107	271098	36.929	ng		92
22) Acetophenone	7.281	105	367002	37.989	ng	#	93
24) Nitrobenzene	7.457	77	316864	38.222	ng		96
25) Isophorone	7.698	82	529361	38.225	ng		98
26) 2-Nitrophenol	7.775	139	124576	38.451	ng		97
27) 2,4-Dimethylphenol	7.810	122	173776	37.659	ng		97
28) bis(2-Chloroethoxy)met...	7.910	93	286368	38.941	ng		99
29) 2,4-Dichlorophenol	8.016	162	212756	38.192	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	251105	38.343	ng		98
31) Naphthalene	8.181	128	682065	37.726	ng		100
32) Benzoic acid	7.940	122	148809m	40.287	ng		
33) 4-Chloroaniline	8.234	127	271985	38.576	ng		97
34) Hexachlorobutadiene	8.292	225	171309	38.880	ng		99
35) Caprolactam	8.616	113	63920	38.054	ng		93
36) 4-Chloro-3-methylphenol	8.716	107	248591	39.065	ng		97
37) 2-Methylnaphthalene	8.875	142	470265	38.133	ng		99
38) 1-Methylnaphthalene	8.975	142	454917	38.087	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	265249	38.443	ng		99
41) Hexachlorocyclopentadiene	9.022	237	124795	39.921	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	173274	38.443	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.192	196	191425	39.231	ng		98
46)	1,1'-Biphenyl	9.339	154	582056	38.369	ng		99
47)	2-Chloronaphthalene	9.369	162	475600	38.288	ng		99
48)	2-Nitroaniline	9.469	65	172473	38.523	ng		98
49)	Acenaphthylene	9.786	152	715792	38.419	ng		100
50)	Dimethylphthalate	9.645	163	594501	39.177	ng		100
51)	2,6-Dinitrotoluene	9.710	165	128555	39.398	ng		98
52)	Acenaphthene	9.957	154	434727	38.089	ng		99
53)	3-Nitroaniline	9.881	138	128550	38.503	ng		97
54)	2,4-Dinitrophenol	9.986	184	77962	39.875	ng		98
55)	Dibenzofuran	10.128	168	669118	38.232	ng		100
56)	4-Nitrophenol	10.039	139	92239	38.600	ng		94
57)	2,4-Dinitrotoluene	10.116	165	176778	40.318	ng		97
58)	Fluorene	10.475	166	544904	38.509	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.245	232	152813m	37.514	ng		
60)	Diethylphthalate	10.345	149	582690	39.850	ng		99
61)	4-Chlorophenyl-phenyle...	10.463	204	293693	39.051	ng		98
62)	4-Nitroaniline	10.504	138	128573	38.264	ng		98
63)	Azobenzene	10.628	77	632234	39.374	ng		100
65)	4,6-Dinitro-2-methylph...	10.522	198	112919	40.905	ng		98
66)	n-Nitrosodiphenylamine	10.586	169	460625	36.942	ng		99
67)	4-Bromophenyl-phenylether	10.957	248	180886	38.091	ng		99
68)	Hexachlorobenzene	11.022	284	195917	37.512	ng	#	87
69)	Atrazine	11.116	200	161859	38.942	ng		97
70)	Pentachlorophenol	11.216	266	109332	39.441	ng		98
71)	Phenanthrene	11.439	178	813113	37.087	ng		99
72)	Anthracene	11.492	178	794843	37.026	ng		99
73)	Carbazole	11.651	167	681138	36.674	ng		100
74)	Di-n-butylphthalate	11.975	149	905078	39.136	ng		100
75)	Fluoranthene	12.633	202	899020	36.818	ng		99
77)	Benzidine	12.757	184	182338	41.640	ng		98
78)	Pyrene	12.863	202	906833	41.766	ng		100
80)	Butylbenzylphthalate	13.480	149	330440	43.151	ng		99
81)	Benzo(a)anthracene	14.057	228	687890	39.996	ng		100
82)	3,3'-Dichlorobenzidine	14.022	252	189282	39.419	ng	#	99
83)	Chrysene	14.092	228	644690	39.714	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.039	149	395163	43.276	ng		99
85)	Di-n-octyl phthalate	14.657	149	544543	42.721	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.074	276	514126	42.168	ng		99
88)	Benzo(b)fluoranthene	15.116	252	469671	36.572	ng		99
89)	Benzo(k)fluoranthene	15.151	252	473587	37.792	ng		99
90)	Benzo(a)pyrene	15.498	252	383201	37.671	ng		98
91)	Dibenzo(a,h)anthracene	17.092	278	430779	42.754	ng		99
92)	Benzo(g,h,i)perylene	17.533	276	428199	42.997	ng		99

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

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