Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122322\
Data File : BF131801.D
Acq On : 23 Dec 2022 10:33
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 24 03:01:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 00:05:44 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	101428	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	356557	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	210554	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	408531	20.000	ng		0.00
76) Chrysene-d12	14.068	240	246132	20.000	ng		0.00
86) Perylene-d12	15.562	264	180467	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	463019	76.869	ng		0.00
7) Phenol-d6	6.486	99	613250	75.641	ng		0.00
23) Nitrobenzene-d5	7.428	82	697232	79.384	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	187628	81.415	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	1257533	83.664	ng		0.00
79) Terphenyl-d14	13.004	244	1446528	91.595	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	104467	37.113	ng		97
3) Pyridine	3.316	79	301917	37.616	ng		99
4) n-Nitrosodimethylamine	3.293	42	143500	39.517	ng		94
6) Aniline	6.516	93	382083	38.174	ng		98
8) 2-Chlorophenol	6.639	128	254004	39.261	ng		96
9) Benzaldehyde	6.404	77	188470	39.770	ng		98
10) Phenol	6.504	94	370457	38.272	ng		92
11) bis(2-Chloroethyl)ether	6.592	93	276263	39.883	ng		99
12) 1,3-Dichlorobenzene	6.792	146	284884	38.955	ng		97
13) 1,4-Dichlorobenzene	6.869	146	289528	38.731	ng		99
14) 1,2-Dichlorobenzene	7.022	146	270639	38.667	ng		98
15) Benzyl Alcohol	6.998	79	284318	39.263	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	362829	41.079	ng		98
17) 2-Methylphenol	7.110	107	237069	38.816	ng		98
18) Hexachloroethane	7.363	117	120368	40.619	ng		96
19) n-Nitroso-di-n-propyla...	7.275	70	232319	39.732	ng		97
20) 3+4-Methylphenols	7.269	107	304991	38.800	ng		96
22) Acetophenone	7.269	105	410151	39.418	ng	#	90
24) Nitrobenzene	7.445	77	352339	39.460	ng		97
25) Isophorone	7.686	82	610549	40.933	ng		99
26) 2-Nitrophenol	7.757	139	140559	40.280	ng		94
27) 2,4-Dimethylphenol	7.798	122	204172	41.080	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	326704	41.247	ng		100
29) 2,4-Dichlorophenol	8.004	162	244261	40.710	ng		97
30) 1,2,4-Trichlorobenzene	8.086	180	286188	40.573	ng		98
31) Naphthalene	8.169	128	777600	39.933	ng		100
32) Benzoic acid	7.945	122	157673	39.632	ng		97
33) 4-Chloroaniline	8.222	127	302767	39.868	ng		97
34) Hexachlorobutadiene	8.275	225	198857	41.902	ng		99
35) Caprolactam	8.616	113	68592m	37.913	ng		
36) 4-Chloro-3-methylphenol	8.710	107	281621	41.088	ng		94
37) 2-Methylnaphthalene	8.863	142	538372	40.532	ng		99
38) 1-Methylnaphthalene	8.963	142	515879	40.100	ng		99
40) 1,2,4,5-Tetrachloroben...	9.027	216	304292	42.241	ng		100
41) Hexachlorocyclopentadiene	9.010	237	131750	40.369	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	194732	41.382	ng		98

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44)	2,4,5-Trichlorophenol	9.186	196	208575	40.943	ng		98
46)	1,1'-Biphenyl	9.333	154	657540	41.517	ng		98
47)	2-Chloronaphthalene	9.357	162	531641	40.994	ng		98
48)	2-Nitroaniline	9.457	65	191313	40.928	ng		92
49)	Acenaphthylene	9.774	152	788759	40.550	ng		99
50)	Dimethylphthalate	9.639	163	669241	42.242	ng		100
51)	2,6-Dinitrotoluene	9.704	165	140817	41.336	ng		98
52)	Acenaphthene	9.951	154	489185	41.053	ng		98
53)	3-Nitroaniline	9.874	138	141776	40.673	ng		98
54)	2,4-Dinitrophenol	9.980	184	82790	40.559	ng		93
55)	Dibenzofuran	10.121	168	744503	40.745	ng		100
56)	4-Nitrophenol	10.039	139	94018	37.685	ng		97
57)	2,4-Dinitrotoluene	10.110	165	186682	40.781	ng		95
58)	Fluorene	10.469	166	606406	41.048	ng		97
59)	2,3,4,6-Tetrachlorophenol	10.239	232	175871m	41.353	ng		
60)	Diethylphthalate	10.339	149	657105	43.044	ng		99
61)	4-Chlorophenyl-phenyle...	10.457	204	331437	42.211	ng		98
62)	4-Nitroaniline	10.498	138	138202	39.395	ng		93
63)	Azobenzene	10.616	77	704086	42.000	ng		95
65)	4,6-Dinitro-2-methylph...	10.521	198	115153	41.055	ng		97
66)	n-Nitrosodiphenylamine	10.580	169	516376	40.759	ng		99
67)	4-Bromophenyl-phenylether	10.951	248	205588	42.609	ng		96
68)	Hexachlorobenzene	11.016	284	218950	41.260	ng	#	88
69)	Atrazine	11.110	200	175417	41.538	ng		97
70)	Pentachlorophenol	11.210	266	113237	40.205	ng		98
71)	Phenanthrene	11.433	178	885359	39.744	ng		99
72)	Anthracene	11.486	178	865878	39.698	ng		99
73)	Carbazole	11.645	167	729239	38.644	ng		99
74)	Di-n-butylphthalate	11.974	149	1023935	43.576	ng		99
75)	Fluoranthene	12.633	202	966276	38.948	ng		99
77)	Benzidine	12.751	184	211265	46.810	ng		98
78)	Pyrene	12.863	202	968578	43.282	ng		100
80)	Butylbenzylphthalate	13.480	149	392789	49.766	ng		98
81)	Benzo(a)anthracene	14.057	228	756051	42.650	ng		100
82)	3,3'-Dichlorobenzidine	14.021	252	221556	44.767	ng		99
83)	Chrysene	14.098	228	716318	42.814	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.039	149	517596	54.997	ng		100
85)	Di-n-octyl phthalate	14.662	149	724303	55.132	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.086	276	514050	42.407	ng		99
88)	Benzo(b)fluoranthene	15.127	252	514811	40.321	ng		99
89)	Benzo(k)fluoranthene	15.156	252	512194	41.111	ng		98
90)	Benzo(a)pyrene	15.504	252	408860	40.427	ng		98
91)	Dibenzo(a,h)anthracene	17.103	278	435192	43.444	ng		100
92)	Benzo(g,h,i)perylene	17.550	276	425388	42.963	ng		99

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

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