Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012221\
Data File : BF123028.D
Acq On : 22 Jan 2021 10:26
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 22 12:51:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 22 12:50:22 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
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1/25/2021 11:28:42 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	383497	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	1490948	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	772558	20.00	ng	0.00
64) Phenanthrene-d10	11.428	188	1432662	20.00	ng	0.00
76) Chrysene-d12	14.080	240	1178476	20.00	ng	# 0.00
86) Perylene-d12	15.568	264	1080819	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	301356	11.88	ng	-0.01
7) Phenol-d6	6.498	99	418468	12.27	ng	-0.02
23) Nitrobenzene-d5	7.445	82	294141	10.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	81342	9.31	ng	0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.00	ng	
79) Terphenyl-d14	0.000	244	0d	0.00	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	70697	5.74	ng	95
3) Pyridine	3.410	79	195384	5.86	ng	95
4) n-Nitrosodimethylamine	3.334	42	75790	5.09	ng	# 98
6) Aniline	6.545	93	237243	5.77	ng	98
8) 2-Chlorophenol	6.669	128	165115	6.16	ng	96
10) Phenol	6.516	94	202776	5.92	ng	84
11) bis(2-Chloroethyl)ether	6.616	93	164824	5.95	ng	96
12) 1,3-Dichlorobenzene	6.834	146	197151	6.36	ng	99
13) 1,4-Dichlorobenzene	6.910	146	195693	6.27	ng	99
14) 1,2-Dichlorobenzene	7.063	146	188056	6.46	ng	100
15) Benzyl Alcohol	7.022	79	139743	5.81	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	247213	5.12	ng	95
17) 2-Methylphenol	7.128	107	135343	5.96	ng	98
18) Hexachloroethane	7.410	117	69709	6.18	ng	92
19) n-Nitroso-di-n-propyla...	7.292	70	123221	6.10	ng	97
22) Acetophenone	7.292	105	235626	6.28	ng	97
24) Nitrobenzene	7.463	77	156699	5.28	ng	92
25) Isophorone	7.704	82	308974	5.98	ng	98
26) 2-Nitrophenol	7.787	139	44134	3.29	ng	92
27) 2,4-Dimethylphenol	7.816	122	131692m	6.17	ng	
28) bis(2-Chloroethoxy)met...	7.916	93	212116	6.07	ng	98
29) 2,4-Dichlorophenol	8.022	162	127263	5.71	ng	96
30) 1,2,4-Trichlorobenzene	8.116	180	155388	6.54	ng	99
31) Naphthalene	8.198	128	514724	6.71	ng	99
33) 4-Chloroaniline	8.239	127	205793	6.15	ng	98
34) Hexachlorobutadiene	8.322	225	84177	6.48	ng	96
35) Caprolactam	8.563	113	43107	5.69	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	139597	5.89	ng	95
37) 2-Methylnaphthalene	8.892	142	335529	6.35	ng	98
38) 1-Methylnaphthalene	8.986	142	320816	6.42	ng	96
40) 1,2,4,5-Tetrachloroben...	9.057	216	133470	6.29	ng	98
41) Hexachlorocyclopentadiene	9.045	237	57752	5.61	ng	95
43) 2,4,6-Trichlorophenol	9.163	196	84071	5.32	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	86694	5.40	ng	98
46) 1,1'-Biphenyl	9.351	154	401469	6.39	ng	98
47) 2-Chloronaphthalene	9.381	162	317493	6.06	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Nitroaniline	9.469	65	64195	3.59	ng		94
49) Acenaphthylene	9.792	152	486513	6.36	ng		99
50) Dimethylphthalate	9.645	163	361396	6.03	ng		99
51) 2,6-Dinitrotoluene	9.710	165	58046	4.43	ng		89
52) Acenaphthene	9.969	154	305388	6.18	ng		98
53) 3-Nitroaniline	9.875	138	74582	4.60	ng	#	92
55) Dibenzofuran	10.139	168	433294	6.29	ng		99
56) 4-Nitrophenol	10.022	139	47977	4.01	ng		94
57) 2,4-Dinitrotoluene	10.110	165	64697	3.83	ng		92
58) Fluorene	10.486	166	344999	6.40	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	67315m	5.26	ng		
60) Diethylphthalate	10.351	149	361799	6.21	ng		98
61) 4-Chlorophenyl-phenyle...	10.475	204	162910	6.72	ng		95
62) 4-Nitroaniline	10.480	138	76862	4.81	ng		95
63) Azobenzene	10.633	77	357586	6.13	ng		96
66) n-Nitrosodiphenylamine	10.592	169	295900	5.53	ng		98
67) 4-Bromophenyl-phenylether	10.969	248	95464	5.45	ng		96
68) Hexachlorobenzene	11.033	284	107994	5.39	ng	#	91
69) Atrazine	11.116	200	81202	5.70	ng		98
70) Pentachlorophenol	11.227	266	40001	3.80	ng		99
71) Phenanthrene	11.451	178	528080	6.15	ng		98
72) Anthracene	11.498	178	515913	6.08	ng		100
73) Carbazole	11.651	167	476369	5.79	ng		99
74) Di-n-butylphthalate	11.992	149	573848	5.90	ng		98
75) Fluoranthene	12.645	202	532826	6.13	ng		99
77) Benzidine	12.763	184	161277	5.17	ng		98
78) Pyrene	12.874	202	541723	5.74	ng		98
80) Butylbenzylphthalate	13.498	149	211908	5.01	ng		97
81) Benzo(a)anthracene	14.069	228	478814	6.07	ng		97
82) 3,3'-Dichlorobenzidine	14.027	252	144279	5.59	ng	#	98
83) Chrysene	14.104	228	477126	6.00	ng		99
84) Bis(2-ethylhexyl)phtha...	14.063	149	332560	5.90	ng	#	99
85) Di-n-octyl phthalate	14.680	149	519273	5.69	ng		98
87) Indeno(1,2,3-cd)pyrene	17.062	276	430743	6.33	ng	#	91
88) Benzo(b)fluoranthene	15.127	252	438720	6.01	ng		97
89) Benzo(k)fluoranthene	15.157	252	424288m	5.67	ng		
90) Benzo(a)pyrene	15.504	252	390943	5.93	ng		98
91) Dibenzo(a,h)anthracene	17.086	278	356014	6.38	ng	#	95
92) Benzo(g,h,i)perylene	17.515	276	341261	6.32	ng	#	91

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

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