Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114115.D
Acq On : 10 May 2019 10:06
Operator : JU/SJ
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Manual Integrations APPROVED
Sohil
5/13/2019 8:34:10 PM

Quant Time: May 10 12:42:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 11:41:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	290673	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1153006	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	540672	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1073849	20.00	ng		0.00
76) Chrysene-d12	14.02	240	798092	20.00	ng		0.00
87) Perylene-d12	15.50	264	783763	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	790935	44.12	ng		0.00
7) Phenol-d6	6.48	99	957837	42.54	ng		-0.01
23) Nitrobenzene-d5	7.41	82	864965	41.24	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	233805	34.36	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1618579	47.73	ng		0.00
79) Terphenyl-d14	12.95	244	1697837	42.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	193608	20.429	ng		99
3) Pyridine	3.37	79	551060	22.533	ng		99
4) n-Nitrosodimethylamine	3.30	42	252233	30.546	ng		100
6) Aniline	6.51	93	669389	22.167	ng		99
8) 2-Chlorophenol	6.64	128	418093	20.538	ng		94
9) Benzaldehyde	6.40	77	368281	29.792	ng		98
10) Phenol	6.50	94	563757	21.483	ng		87
11) bis(2-Chloroethyl)ether	6.58	93	403021	19.783	ng		99
12) 1,3-Dichlorobenzene	6.79	146	463064	20.647	ng		98
13) 1,4-Dichlorobenzene	6.87	146	468784	20.815	ng		98
14) 1,2-Dichlorobenzene	7.02	146	443880	22.036	ng		98
15) Benzyl Alcohol	6.99	79	358545	21.317	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	798909	38.950	ng		100
17) 2-Methylphenol	7.10	107	330262	21.552	ng		99
18) Hexachloroethane	7.37	117	175106	22.759	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	289058	21.201	ng		97
20) 3+4-Methylphenols	7.26	107	420064	22.366	ng		94
22) Acetophenone	7.26	105	556964	20.561	ng	#	97
24) Nitrobenzene	7.43	77	445658	20.055	ng		99
25) Isophorone	7.67	82	780111	19.102	ng		99
26) 2-Nitrophenol	7.75	139	198627	17.442	ng		93
27) 2,4-Dimethylphenol	7.79	122	331060	21.461	ng		100
28) bis(2-Chloroethoxy)methane	7.88	93	516523	20.690	ng		99
29) 2,4-Dichlorophenol	7.99	162	333008	18.712	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	386109	19.275	ng		99
31) Naphthalene	8.16	128	1214450	21.755	ng		98
32) Benzoic acid	7.89	122	174409m	16.392	ng		
33) 4-Chloroaniline	8.20	127	528719	23.187	ng		98
34) Hexachlorobutadiene	8.27	225	224322	18.205	ng		98
35) Caprolactam	8.55	113	110580	21.059	ng		98
36) 4-Chloro-3-methylphenol	8.68	107	347790	19.892	ng		100
37) 2-Methylnaphthalene	8.85	142	790402	21.205	ng		98
38) 1-Methylnaphthalene	8.95	142	745735	20.681	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	358571	21.236	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	125461	18.096	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	236589	21.810	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	243202	20.380	ng		95
46) 1,1'-Biphenyl	9.31	154	977704	24.278	ng		96
47) 2-Chloronaphthalene	9.33	162	772680	23.544	ng		97
48) 2-Nitroaniline	9.42	65	257851	28.280	ng		97
49) Acenaphthylene	9.75	152	1198982	23.171	ng		99
50) Dimethylphthalate	9.60	163	851907	21.814	ng		99
51) 2,6-Dinitrotoluene	9.66	165	182124	20.577	ng		97
52) Acenaphthene	9.92	154	707013m	23.560	ng		
53) 3-Nitroaniline	9.83	138	228137	24.609	ng		98
54) 2,4-Dinitrophenol	9.94	184	60242	15.090	ng		98
55) Dibenzofuran	10.09	168	1051673	22.285	ng		96
56) 4-Nitrophenol	9.99	139	148530	21.097	ng		97
57) 2,4-Dinitrotoluene	10.07	165	242751	20.230	ng		99
58) Fluorene	10.43	166	810367	22.418	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	199582	18.827	ng		99
60) Diethylphthalate	10.30	149	864304	22.539	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	404019	21.595	ng		96
62) 4-Nitroaniline	10.44	138	226828	23.667	ng		99
63) Azobenzene	10.59	77	832260	22.642	ng		96
65) 4,6-Dinitro-2-methylphenol	10.47	198	93839	15.455	ng	#	74
66) n-Nitrosodiphenylamine	10.54	169	719270	21.456	ng		99
67) 4-Bromophenyl-phenylether	10.91	248	254207	19.061	ng		95
68) Hexachlorobenzene	10.99	284	287839	19.659	ng		93
69) Atrazine	11.06	200	221563	19.706	ng		98
70) Pentachlorophenol	11.17	266	119030	15.293	ng		98
71) Phenanthrene	11.39	178	1190255	21.913	ng		99
72) Anthracene	11.45	178	1203793	21.949	ng		99
73) Carbazole	11.60	167	1111189	22.956	ng		98
74) Di-n-butylphthalate	11.93	149	1347395	22.809	ng		99
75) Fluoranthene	12.58	202	1272794	22.080	ng		100
77) Benzidine	12.70	184	758254	33.004	ng		96
78) Pyrene	12.81	202	1302699	23.459	ng		99
80) Butylbenzylphthalate	13.42	149	542256	22.638	ng		94
81) Benzo(a)anthracene	14.00	228	1105233	21.377	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	442711	23.378	ng		99
83) Chrysene	14.04	228	1108158	21.987	ng		98
84) Bis(2-ethylhexyl)phthalate	13.99	149	739581	22.090	ng		98
85) Di-n-octyl phthalate	14.63	149	1210839	21.823	ng		99
86) Indeno(1,2,3-cd)pyrene	16.97	276	892652	19.214	ng		100
88) Benzo(b)fluoranthene	15.07	252	1020965	20.965	ng		100
89) Benzo(k)fluoranthene	15.10	252	1033301	24.045	ng		98
90) Benzo(a)pyrene	15.44	252	917464	21.429	ng		100
91) Dibenzo(a,h)anthracene	16.98	278	729428	20.272	ng		99
92) Benzo(g,h,i)perylene	17.40	276	693428	19.558	ng		99

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

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