Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114120.D
Acq On : 10 May 2019 12:17
Operator : JU/SJ
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC100

Manual Integrations APPROVED
Sohil
5/13/2019 8:34:19 PM

Quant Time: May 10 15:56:03 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	6.86	152	303837	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1168902	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	538185	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1063231	20.00	ng		0.00
76) Chrysene-d12	14.02	240	638471	20.00	ng		0.00
87) Perylene-d12	15.50	264	621354	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	3084286	164.60	ng		0.00
7) Phenol-d6	6.51	99	3944036	167.57	ng		0.02
23) Nitrobenzene-d5	7.43	82	3910191	183.91	ng		0.02
42) 2,4,6-Tribromophenol	10.69	330	966996	142.76	ng		0.01
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	12.96	244	5428607	169.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	1019071	102.868	ng		99
3) Pyridine	3.40	79	2812264	110.012	ng		99
4) n-Nitrosodimethylamine	3.38	42	1368908	158.593	ng		98
6) Aniline	6.53	93	2895977	91.748	ng		99
8) 2-Chlorophenol	6.65	128	1780672	83.682	ng		98
9) Benzaldehyde	6.41	77	1256535	97.245	ng		100
10) Phenol	6.52	94	2311384	84.263	ng		88
11) bis(2-Chloroethyl)ether	6.60	93	1839590	86.387	ng		99
12) 1,3-Dichlorobenzene	6.80	146	2042791	87.136	ng		97
13) 1,4-Dichlorobenzene	6.87	146	2025634	86.045	ng		99
14) 1,2-Dichlorobenzene	7.03	146	1787255	84.883	ng		97
15) Benzyl Alcohol	7.01	79	1567472	89.155	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	3462534	161.498	ng		97
17) 2-Methylphenol	7.12	107	1513201	94.470	ng	#	92
18) Hexachloroethane	7.37	117	780841	97.093	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	1332594	93.504	ng		97
20) 3+4-Methylphenols	7.28	107	1591099	81.047	ng	#	88
22) Acetophenone	7.27	105	2339602	85.196	ng	#	94
24) Nitrobenzene	7.45	77	1970655	87.477	ng		95
25) Isophorone	7.69	82	3737360	90.270	ng		99
26) 2-Nitrophenol	7.76	139	1010718	87.546	ng		94
27) 2,4-Dimethylphenol	7.80	122	1512495	96.717	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	2293888	90.634	ng		99
29) 2,4-Dichlorophenol	8.00	162	1483883	82.246	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	1662946	81.887	ng		99
31) Naphthalene	8.16	128	4683482	82.757	ng		96
32) Benzoic acid	7.97	122	1229407m	113.973	ng		
33) 4-Chloroaniline	8.21	127	2230234	96.476	ng		97
34) Hexachlorobutadiene	8.28	225	937399	75.041	ng		98
35) Caprolactam	8.62	113	522906m	98.229	ng		
36) 4-Chloro-3-methylphenol	8.70	107	1563955	88.236	ng		100
37) 2-Methylnaphthalene	8.86	142	3194783	84.545	ng		99
38) 1-Methylnaphthalene	8.96	142	2971871	81.297	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	1426010	84.843	ng		99

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	757725	109.796	ng		97
43) 2,4,6-Trichlorophenol	9.13	196	1076436	99.688	ng		98
44) 2,4,5-Trichlorophenol	9.18	196	1089431	91.713	ng		97
46) 1,1'-Biphenyl	9.32	154	3640890	90.825	ng		96
47) 2-Chloronaphthalene	9.35	162	3030065	92.756	ng		96
48) 2-Nitroaniline	9.44	65	1197926	131.990	ng		98
49) Acenaphthylene	9.76	152	4463634	86.659	ng		96
50) Dimethylphthalate	9.63	163	3629816	93.374	ng		98
51) 2,6-Dinitrotoluene	9.69	165	842224	95.597	ng		88
52) Acenaphthene	9.93	154	2806005m	93.939	ng		
53) 3-Nitroaniline	9.86	138	1018127	110.332	ng		99
55) Dibenzofuran	10.10	168	3864108	82.258	ng		96
56) 4-Nitrophenol	10.02	139	763603	108.965	ng		90
57) 2,4-Dinitrotoluene	10.09	165	1069082	89.507	ng		92
58) Fluorene	10.44	166	3056108	84.935	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	901509	85.434	ng		98
60) Diethylphthalate	10.32	149	3396955	88.992	ng		97
61) 4-Chlorophenyl-phenylether	10.43	204	1469121	78.887	ng		95
62) 4-Nitroaniline	10.48	138	1062663	111.391	ng		99
63) Azobenzene	10.60	77	3289735	89.913	ng		94
65) 4,6-Dinitro-2-methylphenol	10.50	198	567548	94.406	ng		91
66) n-Nitrosodiphenylamine	10.56	169	2874648	86.607	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	1049467	79.478	ng		96
68) Hexachlorobenzene	11.00	284	1156778	79.797	ng		95
69) Atrazine	11.08	200	910201	81.762	ng		98
70) Pentachlorophenol	11.19	266	645541	83.770	ng		99
71) Phenanthrene	11.40	178	4375283	81.356	ng		96
72) Anthracene	11.46	178	4402707	81.076	ng		96
73) Carbazole	11.61	167	4269582	89.086	ng		96
74) Di-n-butylphthalate	11.93	149	4752986	81.262	ng	#	95
75) Fluoranthene	12.59	202	4597013	80.544	ng		94
78) Pyrene	12.82	202	4750442	106.934	ng		95
80) Butylbenzylphthalate	13.43	149	2212360	115.450	ng		97
81) Benzo(a)anthracene	14.02	228	3723467	90.025	ng		98
82) 3,3'-Dichlorobenzidine	13.97	252	1390609	91.792	ng		98
83) Chrysene	14.05	228	3671254	91.053	ng		98
84) Bis(2-ethylhexyl)phthalate	14.00	149	2676749	99.936	ng	#	98
85) Di-n-octyl phthalate	14.63	149	4202768	94.684	ng		98
86) Indeno(1,2,3-cd)pyrene	16.98	276	3804595	102.368	ng		99
88) Benzo(b)fluoranthene	15.08	252	3657849	94.745	ng		98
89) Benzo(k)fluoranthene	15.11	252	3203438	94.029	ng		98
90) Benzo(a)pyrene	15.44	252	3225261	95.021	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	2972135	104.189	ng		99
92) Benzo(g,h,i)perylene	17.43	276	3192234	113.572	ng		98

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

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