Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
Data File : BF114489.D
Acq On : 22 May 2019 18:02
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
5/23/2019 4:08:06 AM

Quant Time: May 22 19:01:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	217715	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	877504	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	418367	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	823662	20.00	ng		0.00
76) Chrysene-d12	14.00	240	542276	20.00	ng		0.00
87) Perylene-d12	15.47	264	487496	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1040360	76.90	ng		-0.01
7) Phenol-d6	6.48	99	1285428	80.33	ng		0.00
23) Nitrobenzene-d5	7.40	82	1252627	80.11	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	324954	75.13	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	2089801	75.56	ng		0.00
79) Terphenyl-d14	12.94	244	2130156	80.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	249289	33.524	ng		99
3) Pyridine	3.33	79	677856	33.085	ng		100
4) n-Nitrosodimethylamine	3.29	42	339361	34.348	ng		98
6) Aniline	6.50	93	885407	38.306	ng	#	83
8) 2-Chlorophenol	6.62	128	593917	41.122	ng		97
9) Benzaldehyde	6.38	77	389101	34.735	ng		99
10) Phenol	6.49	94	722851	38.402	ng		77
11) bis(2-Chloroethyl)ether	6.57	93	592730	41.478	ng		96
12) 1,3-Dichlorobenzene	6.77	146	654012	40.341	ng		99
13) 1,4-Dichlorobenzene	6.85	146	662819	40.572	ng		98
14) 1,2-Dichlorobenzene	7.00	146	609515	40.838	ng		100
15) Benzyl Alcohol	6.98	79	466629	37.391	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1095115	39.523	ng		71
17) 2-Methylphenol	7.10	107	462481	38.981	ng	#	89
18) Hexachloroethane	7.34	117	251627	41.034	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	407150	40.144	ng		97
20) 3+4-Methylphenols	7.25	107	577710	42.145	ng	#	73
22) Acetophenone	7.25	105	780946	40.173	ng	#	95
24) Nitrobenzene	7.42	77	635282	39.891	ng		99
25) Isophorone	7.66	82	1146133	39.523	ng		100
26) 2-Nitrophenol	7.73	139	325686	42.152	ng		99
27) 2,4-Dimethylphenol	7.77	122	450370	37.113	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	760872	40.438	ng		98
29) 2,4-Dichlorophenol	7.98	162	500008	41.379	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	548610	39.926	ng		100
31) Naphthalene	8.13	128	1670152	40.746	ng		99
32) Benzoic acid	7.93	122	276478m	34.300	ng		
33) 4-Chloroaniline	8.19	127	763699	40.886	ng		99
34) Hexachlorobutadiene	8.25	225	317058	40.553	ng		99
35) Caprolactam	8.57	113	167585	42.532	ng		93
36) 4-Chloro-3-methylphenol	8.68	107	519001	42.670	ng		99
37) 2-Methylnaphthalene	8.83	142	1109949	41.970	ng		98
38) 1-Methylnaphthalene	8.93	142	1033897	41.514	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	516588	40.762	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	199405	36.272	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	336181	38.566	ng		97
44) 2,4,5-Trichlorophenol	9.16	196	341622	38.214	ng		98
46) 1,1'-Biphenyl	9.29	154	1347160	39.859	ng		98
47) 2-Chloronaphthalene	9.32	162	1075685	39.546	ng		99
48) 2-Nitroaniline	9.42	65	391838	40.619	ng		94
49) Acenaphthylene	9.73	152	1615794	39.057	ng		99
50) Dimethylphthalate	9.59	163	1257271	40.937	ng		100
51) 2,6-Dinitrotoluene	9.66	165	272971	40.073	ng		96
52) Acenaphthene	9.90	154	982677	38.708	ng		99
53) 3-Nitroaniline	9.83	138	334607	39.571	ng		97
54) 2,4-Dinitrophenol	9.95	184	97113	32.707	ng		93
55) Dibenzofuran	10.07	168	1386629	37.249	ng		99
56) 4-Nitrophenol	10.01	139	192708	32.226	ng		95
57) 2,4-Dinitrotoluene	10.07	165	339376	36.706	ng	#	82
58) Fluorene	10.42	166	1153654	40.122	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	280411	36.353	ng		98
60) Diethylphthalate	10.29	149	1237831	39.667	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	569384	40.318	ng		98
62) 4-Nitroaniline	10.45	138	349705	39.356	ng		97
63) Azobenzene	10.57	77	1180600	39.086	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	156852	39.631	ng		93
66) n-Nitrosodiphenylamine	10.53	169	1024768	40.993	ng		100
67) 4-Bromophenyl-phenylether	10.89	248	365064	40.255	ng		96
68) Hexachlorobenzene	10.97	284	401005	39.970	ng		95
69) Atrazine	11.06	200	307625	39.544	ng		99
70) Pentachlorophenol	11.17	266	162166	34.098	ng		98
71) Phenanthrene	11.38	178	1643801	41.021	ng		99
72) Anthracene	11.43	178	1635121	40.625	ng		100
73) Carbazole	11.59	167	1594416	41.542	ng		98
74) Di-n-butylphthalate	11.91	149	1922380	43.475	ng		100
75) Fluoranthene	12.57	202	1731016	40.114	ng		99
77) Benzidine	12.69	184	855270	35.136	ng		96
78) Pyrene	12.80	202	1764329	40.444	ng		100
80) Butylbenzylphthalate	13.40	149	810539	44.143	ng		98
81) Benzo(a)anthracene	13.99	228	1458466	41.582	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	553432	40.675	ng		98
83) Chrysene	14.03	228	1391173	40.462	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1053840	43.884	ng		99
85) Di-n-octyl phthalate	14.57	149	1623552	41.706	ng		99
86) Indeno(1,2,3-cd)pyrene	16.95	276	1189862	39.157	ng		100
88) Benzo(b)fluoranthene	15.04	252	1327546	42.506	ng		99
89) Benzo(k)fluoranthene	15.07	252	1171618	40.838	ng		99
90) Benzo(a)pyrene	15.41	252	1171446	42.619	ng		98
91) Dibenzo(a,h)anthracene	16.96	278	976954	42.774	ng		98
92) Benzo(g,h,i)perylene	17.39	276	996723	43.546	ng		98

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

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