Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
Data File : BF116437.D
Acq On : 20 Aug 2019 18:34
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Jagrut
8/21/2019 3:51:22 PM

Quant Time: Aug 21 01:23:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	111179	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	470225	20.00	ng		-0.01
39) Acenaphthene-d10	9.84	164	258292	20.00	ng		-0.01
64) Phenanthrene-d10	11.32	188	454094	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	342399	20.00	ng		-0.01
87) Perylene-d12	15.42	264	350049	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	577197	86.91	ng		0.00
7) Phenol-d6	6.46	99	715383	85.38	ng		0.00
23) Nitrobenzene-d5	7.37	82	666352	81.80	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	205438	82.04	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1151857	83.53	ng		-0.01
79) Terphenyl-d14	12.90	244	1350610	83.12	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	136695	40.742	ng		99
3) Pyridine	3.27	79	347110	37.036	ng		99
4) n-Nitrosodimethylamine	3.23	42	138545	37.459	ng		98
6) Aniline	6.47	93	475650	39.638	ng	#	79
8) 2-Chlorophenol	6.60	128	325831	44.368	ng		99
9) Benzaldehyde	6.36	77	217635	37.643	ng		97
10) Phenol	6.47	94	412014	41.756	ng		84
11) bis(2-Chloroethyl)ether	6.54	93	313796	43.255	ng		98
12) 1,3-Dichlorobenzene	6.75	146	359628	42.372	ng		99
13) 1,4-Dichlorobenzene	6.82	146	368989	43.420	ng		98
14) 1,2-Dichlorobenzene	6.97	146	339216	43.351	ng		99
15) Benzyl Alcohol	6.96	79	261485	41.121	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	422251	42.672	ng		64
17) 2-Methylphenol	7.07	107	262530	42.218	ng	#	90
18) Hexachloroethane	7.31	117	134066	42.849	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	234871	45.234	ng		99
20) 3+4-Methylphenols	7.23	107	351479	47.763	ng		91
22) Acetophenone	7.22	105	447947	43.437	ng	#	94
24) Nitrobenzene	7.39	77	369098	41.962	ng		100
25) Isophorone	7.63	82	667576	42.857	ng		98
26) 2-Nitrophenol	7.71	139	180498	43.533	ng		97
27) 2,4-Dimethylphenol	7.75	122	258977	41.516	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	417458	43.239	ng		100
29) 2,4-Dichlorophenol	7.96	162	284321	43.167	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	312040	41.561	ng		99
31) Naphthalene	8.11	128	949399	42.905	ng		98
32) Benzoic acid	7.92	122	143167	32.553	ng		97
33) 4-Chloroaniline	8.16	127	411299	41.601	ng		98
34) Hexachlorobutadiene	8.22	225	181725	42.021	ng		100
35) Caprolactam	8.53	113	86773m	40.734	ng		
36) 4-Chloro-3-methylphenol	8.66	107	300373	43.837	ng		97
37) 2-Methylnaphthalene	8.80	142	621524	42.649	ng		99
38) 1-Methylnaphthalene	8.90	142	593666	43.061	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	288293	41.750	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	107946	38.166 ng	99
43) 2,4,6-Trichlorophenol	9.09	196	172549	36.304 ng	99
44) 2,4,5-Trichlorophenol	9.14	196	170642	34.732 ng	98
46) 1,1'-Biphenyl	9.26	154	770874	42.274 ng	99
47) 2-Chloronaphthalene	9.29	162	629747	41.493 ng	99
48) 2-Nitroaniline	9.39	65	205888	41.041 ng	97
49) Acenaphthylene	9.70	152	928252	41.923 ng	98
50) Dimethylphthalate	9.56	163	730063	41.512 ng	99
51) 2,6-Dinitrotoluene	9.63	165	160611	42.024 ng	98
52) Acenaphthene	9.87	154	565236	41.611 ng	99
53) 3-Nitroaniline	9.80	138	191458	40.542 ng	97
54) 2,4-Dinitrophenol	9.94	184	50663	31.330 ng	98
55) Dibenzofuran	10.05	168	801682	40.582 ng	100
56) 4-Nitrophenol	9.99	139	202423	66.912 ng	91
57) 2,4-Dinitrotoluene	10.05	165	202058	39.708 ng	92
58) Fluorene	10.39	166	665675	43.799 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	149204	36.097 ng	96
60) Diethylphthalate	10.26	149	719242	43.804 ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	340443	44.229 ng	98
62) 4-Nitroaniline	10.43	138	184872	37.881 ng	98
63) Azobenzene	10.53	77	735318	43.540 ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	101321	42.105 ng	96
66) n-Nitrosodiphenylamine	10.50	169	588341	43.046 ng	100
67) 4-Bromophenyl-phenylether	10.86	248	209304	43.057 ng	99
68) Hexachlorobenzene	10.94	284	233331	41.510 ng	97
69) Atrazine	11.02	200	164828	36.658 ng	99
70) Pentachlorophenol	11.15	266	94084	34.476 ng	99
71) Phenanthrene	11.35	178	977787	42.120 ng	100
72) Anthracene	11.40	178	1015142	43.209 ng	99
73) Carbazole	11.56	167	924462	43.372 ng	99
74) Di-n-butylphthalate	11.87	149	1153622	46.396 ng	99
75) Fluoranthene	12.54	202	1055924	43.448 ng	98
77) Benzidine	12.66	184	463794	40.094 ng	99
78) Pyrene	12.77	202	1060729	41.097 ng	99
80) Butylbenzylphthalate	13.37	149	487524	44.653 ng	97
81) Benzo(a)anthracene	13.96	228	935688	42.755 ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	329782	43.374 ng	99
83) Chrysene	14.00	228	915038	43.067 ng	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	681708	48.049 ng	99
85) Di-n-octyl phthalate	14.53	149	1087140	48.241 ng	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	759482	42.560 ng	100
88) Benzo(b)fluoranthene	15.00	252	830229	41.019 ng	100
89) Benzo(k)fluoranthene	15.03	252	810090	41.092 ng	99
90) Benzo(a)pyrene	15.36	252	749707	41.436 ng	99
91) Dibenzo(a,h)anthracene	16.88	278	626753	40.018 ng	98
92) Benzo(g,h,i)perylene	17.32	276	593979	38.617 ng	98

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

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