Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
Data File : BF112612.D
Acq On : 19 Feb 2019 11:02
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/19/2019 12:41:50 PM

Quant Time: Feb 19 12:12:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	109859	20.00	ng		-0.02
21) Naphthalene-d8	8.11	136	443328	20.00	ng		-0.02
39) Acenaphthene-d10	9.86	164	237289	20.00	ng		-0.02
64) Phenanthrene-d10	11.35	188	471498	20.00	ng		-0.02
76) Chrysene-d12	14.00	240	358836	20.00	ng		0.00
87) Perylene-d12	15.47	264	275119	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	514452	99.47	ng		-0.02
7) Phenol-d6	6.48	99	630736	87.76	ng		-0.01
23) Nitrobenzene-d5	7.39	82	627657	81.58	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	231227	83.72	ng		-0.02
45) 2-Fluorobiphenyl	9.18	172	1326182	79.05	ng		-0.02
79) Terphenyl-d14	12.94	244	1578081	82.83	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	98406	47.762	ng		94
3) Pyridine	3.32	79	238538	45.514	ng		98
4) n-Nitrosodimethylamine	3.28	42	106928	48.561	ng	#	88
6) Aniline	6.49	93	373468	43.684	ng	#	66
8) 2-Chlorophenol	6.62	128	295970	42.538	ng		98
9) Benzaldehyde	6.38	77	149064	39.682	ng		97
10) Phenol	6.49	94	338518	42.933	ng		88
11) bis(2-Chloroethyl)ether	6.56	93	260040	41.890	ng		99
12) 1,3-Dichlorobenzene	6.76	146	332478	41.031	ng		96
13) 1,4-Dichlorobenzene	6.84	146	334256	40.081	ng		97
14) 1,2-Dichlorobenzene	7.00	146	319297	40.894	ng		97
15) Benzyl Alcohol	6.97	79	253377	41.822	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.09	45	317629	39.851	ng	#	17
17) 2-Methylphenol	7.09	107	229611	41.629	ng	#	85
18) Hexachloroethane	7.33	117	124313	42.450	ng		93
19) n-Nitroso-di-n-propylamine	7.24	70	220979	44.591	ng		98
20) 3+4-Methylphenols	7.25	107	308912	43.798	ng	#	65
22) Acetophenone	7.24	105	444100	41.139	ng	#	94
24) Nitrobenzene	7.41	77	309444	40.271	ng		98
25) Isophorone	7.65	82	507950	42.083	ng		99
26) 2-Nitrophenol	7.73	139	171383	41.735	ng		91
27) 2,4-Dimethylphenol	7.77	122	230398	40.722	ng		92
28) bis(2-Chloroethoxy)methane	7.85	93	342146	41.630	ng		98
29) 2,4-Dichlorophenol	7.98	162	260273	41.108	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	288897	39.696	ng		99
31) Naphthalene	8.13	128	831446	40.105	ng		98
32) Benzoic acid	7.93	122	146994	45.547	ng		97
33) 4-Chloroaniline	8.19	127	372981	41.318	ng		99
34) Hexachlorobutadiene	8.24	225	170695	39.968	ng		98
35) Caprolactam	8.57	113	93772m	41.983	ng		
36) 4-Chloro-3-methylphenol	8.69	107	285593	42.609	ng		98
37) 2-Methylnaphthalene	8.82	142	578585	40.766	ng		97
38) 1-Methylnaphthalene	8.92	142	559176	41.105	ng		95
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	293520	37.674	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	99637	39.239	ng		97
43) 2,4,6-Trichlorophenol	9.11	196	186014	38.733	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	189439	37.743	ng		95
46) 1,1'-Biphenyl	9.29	154	819808	39.519	ng		98
47) 2-Chloronaphthalene	9.32	162	623964	38.787	ng		96
48) 2-Nitroaniline	9.42	65	180052	41.065	ng		88
49) Acenaphthylene	9.73	152	917350	38.906	ng		98
50) Dimethylphthalate	9.58	163	730534	39.625	ng		100
51) 2,6-Dinitrotoluene	9.66	165	165873	40.173	ng	#	71
52) Acenaphthene	9.90	154	560595	39.800	ng		99
53) 3-Nitroaniline	9.83	138	183247	40.965	ng		92
54) 2,4-Dinitrophenol	9.96	184	57269	43.218	ng		89
55) Dibenzofuran	10.07	168	843945	39.209	ng		94
56) 4-Nitrophenol	10.02	139	93035	39.339	ng		93
57) 2,4-Dinitrotoluene	10.07	165	217881	41.450	ng	#	74
58) Fluorene	10.42	166	660243	40.990	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	147521	38.893	ng	#	88
60) Diethylphthalate	10.28	149	764091	41.763	ng		97
61) 4-Chlorophenyl-phenylether	10.40	204	353308	40.323	ng	#	86
62) 4-Nitroaniline	10.46	138	170160	38.782	ng		91
63) Azobenzene	10.56	77	679567	42.233	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	104111	39.384	ng		93
66) n-Nitrosodiphenylamine	10.52	169	631907	39.766	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	221342	39.914	ng		97
68) Hexachlorobenzene	10.97	284	236161	39.693	ng		98
69) Atrazine	11.05	200	168368	32.836	ng		95
70) Pentachlorophenol	11.17	266	102518	44.283	ng		97
71) Phenanthrene	11.38	178	960048	39.166	ng		98
72) Anthracene	11.43	178	974622	39.915	ng		99
73) Carbazole	11.59	167	959496	39.836	ng		99
74) Di-n-butylphthalate	11.90	149	1243531	41.595	ng		98
75) Fluoranthene	12.57	202	1002825	38.143	ng		96
77) Benzidine	12.69	184	373840	37.852	ng		96
78) Pyrene	12.80	202	1016677	40.923	ng		98
80) Butylbenzylphthalate	13.40	149	509398	42.380	ng		92
81) Benzo(a)anthracene	13.99	228	834033	39.538	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	315859	40.010	ng		99
83) Chrysene	14.03	228	790868	39.277	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	702996	41.203	ng		97
85) Di-n-octyl phthalate	14.56	149	1066779	40.638	ng		98
86) Indeno(1,2,3-cd)pyrene	16.98	276	553837	34.712	ng		96
88) Benzo(b)fluoranthene	15.05	252	696705	42.344	ng		98
89) Benzo(k)fluoranthene	15.07	252	605648	38.430	ng		100
90) Benzo(a)pyrene	15.42	252	586868	39.641	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	473156	39.655	ng		98
92) Benzo(g,h,i)perylene	17.42	276	442618	39.319	ng		95

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

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