Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111982.D
Acq On : 10 Jan 2019 12:51
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/11/2019 4:42:48 PM

Quant Time: Jan 11 00:58:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	144952	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	517248	20.00	ng		-0.01
39) Acenaphthene-d10	9.92	164	271438	20.00	ng		-0.02
64) Phenanthrene-d10	11.40	188	504172	20.00	ng		-0.01
76) Chrysene-d12	14.04	240	416069	20.00	ng		-0.01
87) Perylene-d12	15.52	264	284286	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	642506	75.83	ng		-0.02
7) Phenol-d6	6.52	99	851518	77.98	ng		-0.01
23) Nitrobenzene-d5	7.44	82	769675	79.53	ng		-0.02
42) 2,4,6-Tribromophenol	10.71	330	280498	79.45	ng		-0.01
45) 2-Fluorobiphenyl	9.24	172	1467022	78.81	ng		-0.01
79) Terphenyl-d14	12.99	244	1670002	76.19	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	141780	38.270	ng		99
3) Pyridine	3.42	79	368148	38.339	ng		99
4) n-Nitrosodimethylamine	3.37	42	181426	37.975	ng		99
6) Aniline	6.54	93	523866	39.675	ng	#	78
8) 2-Chlorophenol	6.67	128	350795	37.287	ng		96
9) Benzaldehyde	6.43	77	243854	40.320	ng		99
10) Phenol	6.53	94	466529	39.307	ng		99
11) bis(2-Chloroethyl)ether	6.61	93	336869	36.688	ng		99
12) 1,3-Dichlorobenzene	6.82	146	433446	39.741	ng		99
13) 1,4-Dichlorobenzene	6.90	146	444505	40.162	ng		99
14) 1,2-Dichlorobenzene	7.05	146	406773	38.449	ng		99
15) Benzyl Alcohol	7.02	79	320816	37.130	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	541743	34.605	ng		93
17) 2-Methylphenol	7.14	107	279938	37.022	ng		99
18) Hexachloroethane	7.39	117	155767	40.310	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	271929	38.325	ng		98
20) 3+4-Methylphenols	7.29	107	369036	39.215	ng		93
22) Acetophenone	7.29	105	528460	40.356	ng		99
24) Nitrobenzene	7.46	77	376445	38.451	ng		97
25) Isophorone	7.70	82	635035	40.521	ng		100
26) 2-Nitrophenol	7.77	139	192171	39.865	ng		98
27) 2,4-Dimethylphenol	7.82	122	266938	38.299	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	449159	42.937	ng		99
29) 2,4-Dichlorophenol	8.02	162	331114	41.314	ng		100
30) 1,2,4-Trichlorobenzene	8.10	180	335808	37.980	ng		99
31) Naphthalene	8.19	128	965669	39.328	ng		100
32) Benzoic acid	7.93	122	107322m	23.728	ng		
33) 4-Chloroaniline	8.23	127	413878	38.993	ng		98
34) Hexachlorobutadiene	8.30	225	223051	40.523	ng		98
35) Caprolactam	8.60	113	99432	37.972	ng		95
36) 4-Chloro-3-methylphenol	8.72	107	304151	38.168	ng		95
37) 2-Methylnaphthalene	8.87	142	610781	40.144	ng		99
38) 1-Methylnaphthalene	8.97	142	599588	41.087	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	335876	38.814	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	176397	35.255 ng	99
43) 2,4,6-Trichlorophenol	9.16	196	251741	42.890 ng	99
44) 2,4,5-Trichlorophenol	9.20	196	256681	41.740 ng	96
46) 1,1'-Biphenyl	9.34	154	853052	37.570 ng	99
47) 2-Chloronaphthalene	9.36	162	732254	41.092 ng	99
48) 2-Nitroaniline	9.46	65	203762	37.400 ng	94
49) Acenaphthylene	9.78	152	1072614	40.713 ng	99
50) Dimethylphthalate	9.64	163	805854	39.521 ng	99
51) 2,6-Dinitrotoluene	9.70	165	169775	37.233 ng	98
52) Acenaphthene	9.95	154	641656	37.780 ng	99
53) 3-Nitroaniline	9.87	138	200870	41.136 ng	97
54) 2,4-Dinitrophenol	9.98	184	118341	61.292 ng	98
55) Dibenzofuran	10.12	168	962803	38.979 ng	98
56) 4-Nitrophenol	10.04	139	129095	37.416 ng	97
57) 2,4-Dinitrotoluene	10.10	165	234079	39.729 ng	99
58) Fluorene	10.47	166	699912	38.942 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	201705	38.929 ng	98
60) Diethylphthalate	10.33	149	735705	37.283 ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	388164	38.513 ng	97
62) 4-Nitroaniline	10.48	138	192874	41.643 ng	99
63) Azobenzene	10.62	77	781240	41.444 ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	110118	35.398 ng	94
66) n-Nitrosodiphenylamine	10.57	169	697204	41.209 ng	99
67) 4-Bromophenyl-phenylether	10.95	248	247488	37.899 ng	98
68) Hexachlorobenzene	11.02	284	281631	38.915 ng	98
69) Atrazine	11.10	200	237121	39.890 ng	99
70) Pentachlorophenol	11.22	266	180979	43.945 ng	99
71) Phenanthrene	11.43	178	1044157	38.736 ng	100
72) Anthracene	11.48	178	1094925	40.014 ng	99
73) Carbazole	11.63	167	1082868	40.683 ng	99
74) Di-n-butylphthalate	11.96	149	1225987	39.654 ng	100
75) Fluoranthene	12.62	202	1137802	41.117 ng	97
77) Benzidine	12.73	184	455362	36.627 ng	98
78) Pyrene	12.85	202	1129634	39.459 ng	98
80) Butylbenzylphthalate	13.46	149	481830	39.811 ng	98
81) Benzo(a)anthracene	14.03	228	947426	39.566 ng	100
82) 3,3'-Dichlorobenzidine	13.99	252	348968	39.475 ng	98
83) Chrysene	14.07	228	874898	38.320 ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	627185	39.458 ng	100
85) Di-n-octyl phthalate	14.63	149	931183	40.937 ng	100
86) Indeno(1,2,3-cd)pyrene	17.02	276	555358	33.365 ng	99
88) Benzo(b)fluoranthene	15.09	252	675277	39.709 ng	99
89) Benzo(k)fluoranthene	15.12	252	651235	40.740 ng	99
90) Benzo(a)pyrene	15.46	252	609937	40.791 ng	99
91) Dibenzo(a,h)anthracene	17.03	278	465322	38.692 ng	99
92) Benzo(g,h,i)perylene	17.47	276	465154	39.544 ng	98

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

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