Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111948.D
Acq On : 9 Jan 2019 14:40
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/10/2019 11:45:53 AM

Quant Time: Jan 10 02:03:07 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	6.89	152	136849	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	515602	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	265117	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	516767	20.00	ng	0.00
76) Chrysene-d12	14.06	240	368619	20.00	ng	0.00
87) Perylene-d12	15.53	264	297535	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	628101	78.52	ng	0.00
7) Phenol-d6	6.53	99	784381	76.08	ng	0.00
23) Nitrobenzene-d5	7.45	82	743446	77.06	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	260482	75.54	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1405321	77.30	ng	0.00
79) Terphenyl-d14	13.00	244	1510501	77.78	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.68	88	143888	41.139	ng	98
3) Pyridine	3.43	79	411900	45.436	ng	98
4) n-Nitrosodimethylamine	3.38	42	188079	41.699	ng	95
6) Aniline	6.55	93	476929	38.258	ng	92
8) 2-Chlorophenol	6.67	128	346299	38.988	ng	98
9) Benzaldehyde	6.43	77	220448	37.551	ng	98
10) Phenol	6.54	94	421193	37.588	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	323242	37.288	ng	100
12) 1,3-Dichlorobenzene	6.83	146	400476	38.893	ng	99
13) 1,4-Dichlorobenzene	6.90	146	405996	38.855	ng	100
14) 1,2-Dichlorobenzene	7.06	146	379573	38.002	ng	99
15) Benzyl Alcohol	7.03	79	316953	38.855	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	538746	36.451	ng	98
17) 2-Methylphenol	7.15	107	268152	37.563	ng	99
18) Hexachloroethane	7.40	117	137583	37.712	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	252220	37.652	ng	99
20) 3+4-Methylphenols	7.30	107	349569	39.346	ng	95
22) Acetophenone	7.29	105	495064	37.926	ng	98
24) Nitrobenzene	7.47	77	371981	38.116	ng	98
25) Isophorone	7.70	82	582074	37.260	ng	99
26) 2-Nitrophenol	7.78	139	191747	39.904	ng	97
27) 2,4-Dimethylphenol	7.82	122	266553	38.366	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	385620	36.981	ng	99
29) 2,4-Dichlorophenol	8.03	162	305417	38.229	ng	95
30) 1,2,4-Trichlorobenzene	8.11	180	333546	37.845	ng	99
31) Naphthalene	8.19	128	936936	38.280	ng	100
32) Benzoic acid	7.95	122	164472m	36.479	ng	
33) 4-Chloroaniline	8.24	127	419711	39.668	ng	100
34) Hexachlorobutadiene	8.31	225	208188	37.944	ng	99
35) Caprolactam	8.62	113	104461	40.020	ng	95
36) 4-Chloro-3-methylphenol	8.73	107	307964	38.770	ng	98
37) 2-Methylnaphthalene	8.88	142	607525	40.058	ng	99
38) 1-Methylnaphthalene	8.98	142	591664	40.674	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	328893	38.913	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	174647	35.737	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	219731	38.329	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	231373	38.522	ng		98
46) 1,1'-Biphenyl	9.35	154	850430	38.348	ng		99
47) 2-Chloronaphthalene	9.37	162	668546	38.411	ng		97
48) 2-Nitroaniline	9.46	65	213688	40.157	ng		100
49) Acenaphthylene	9.79	152	1000592	38.885	ng		99
50) Dimethylphthalate	9.65	163	756021	37.961	ng		99
51) 2,6-Dinitrotoluene	9.70	165	175457	39.397	ng		97
52) Acenaphthene	9.96	154	633163	38.168	ng		99
53) 3-Nitroaniline	9.87	138	190936	40.034	ng		97
54) 2,4-Dinitrophenol	9.98	184	72265	38.321	ng	#	88
55) Dibenzofuran	10.13	168	940230	38.973	ng		100
56) 4-Nitrophenol	10.05	139	134654	39.957	ng		99
57) 2,4-Dinitrotoluene	10.11	165	234968	40.830	ng		97
58) Fluorene	10.47	166	687051	39.138	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	189993	37.543	ng		97
60) Diethylphthalate	10.34	149	742524	38.526	ng		100
61) 4-Chlorophenyl-phenylether	10.46	204	376897	38.287	ng		99
62) 4-Nitroaniline	10.49	138	186959	41.328	ng		98
63) Azobenzene	10.62	77	721547	39.190	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	120032	37.644	ng		92
66) n-Nitrosodiphenylamine	10.58	169	655060	37.774	ng		100
67) 4-Bromophenyl-phenylether	10.95	248	240084	35.869	ng		100
68) Hexachlorobenzene	11.03	284	266307	35.900	ng		97
69) Atrazine	11.11	200	224103	36.781	ng		99
70) Pentachlorophenol	11.22	266	146109	34.613	ng		98
71) Phenanthrene	11.44	178	1022384	37.004	ng		100
72) Anthracene	11.49	178	1035101	36.906	ng		98
73) Carbazole	11.64	167	1015655	37.228	ng		99
74) Di-n-butylphthalate	11.97	149	1143704	36.091	ng		100
75) Fluoranthene	12.63	202	1028184	36.250	ng		99
77) Benzidine	12.74	184	485530	44.081	ng		97
78) Pyrene	12.86	202	1024015	40.374	ng		98
80) Butylbenzylphthalate	13.46	149	420045	39.173	ng		97
81) Benzo(a)anthracene	14.04	228	803008	37.852	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	304884	38.928	ng		99
83) Chrysene	14.08	228	761452	37.644	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	553585	39.311	ng	#	98
85) Di-n-octyl phthalate	14.64	149	819826	40.681	ng		99
86) Indeno(1,2,3-cd)pyrene	17.03	276	647960	43.939	ng		99
88) Benzo(b)fluoranthene	15.10	252	682529	38.348	ng		99
89) Benzo(k)fluoranthene	15.13	252	621293	37.136	ng		98
90) Benzo(a)pyrene	15.47	252	599207	38.289	ng		99
91) Dibenzo(a,h)anthracene	17.04	278	543105	43.149	ng		99
92) Benzo(g,h,i)perylene	17.49	276	531150	43.144	ng		98

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

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