Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111973.D
Acq On : 10 Jan 2019 3:00
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/10/2019 11:46:12 AM

Quant Time: Jan 10 03:32:25 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	120351	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	422575	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	190419	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	347167	20.00	ng		0.00
76) Chrysene-d12	14.06	240	187452	20.00	ng		0.00
87) Perylene-d12	15.54	264	111382	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	569146	80.91	ng		0.00
7) Phenol-d6	6.53	99	749703	82.69	ng		0.00
23) Nitrobenzene-d5	7.45	82	643288	81.36	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	160058	64.62	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1073975	82.24	ng		0.00
79) Terphenyl-d14	13.00	244	1085146	109.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	131603	42.785	ng		97
3) Pyridine	3.40	79	357038	44.783	ng		99
4) n-Nitrosodimethylamine	3.35	42	167240	42.161	ng		98
6) Aniline	6.55	93	441914	40.309	ng	#	73
8) 2-Chlorophenol	6.68	128	331619	42.453	ng		94
9) Benzaldehyde	6.43	77	219225	46.592	ng		98
10) Phenol	6.55	94	394579	40.040	ng		96
11) bis(2-Chloroethyl)ether	6.62	93	317171	41.603	ng		94
12) 1,3-Dichlorobenzene	6.83	146	357702	39.501	ng		99
13) 1,4-Dichlorobenzene	6.90	146	352220	38.329	ng		98
14) 1,2-Dichlorobenzene	7.06	146	327861	37.325	ng		98
15) Benzyl Alcohol	7.03	79	232321	32.384	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	477623	36.745	ng		93
17) 2-Methylphenol	7.15	107	230525	36.719	ng		99
18) Hexachloroethane	7.40	117	54791	17.077	ng		94
19) n-Nitroso-di-n-propylamine	7.30	70	210292	35.696	ng		99
20) 3+4-Methylphenols	7.30	107	293264	37.533	ng		92
22) Acetophenone	7.29	105	415195	38.809	ng		97
24) Nitrobenzene	7.47	77	326780	40.856	ng		98
25) Isophorone	7.70	82	498957	38.971	ng		100
26) 2-Nitrophenol	7.79	139	101554	25.787	ng		94
27) 2,4-Dimethylphenol	7.83	122	234095	41.111	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	353036	41.309	ng		99
29) 2,4-Dichlorophenol	8.03	162	251506	38.411	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	267586	37.045	ng		100
31) Naphthalene	8.20	128	797869	39.774	ng		100
32) Benzoic acid	7.92	122	78577m	21.265	ng		
33) 4-Chloroaniline	8.24	127	341895	39.427	ng		98
34) Hexachlorobutadiene	8.31	225	178451	39.684	ng		97
35) Caprolactam	8.60	113	80358	37.563	ng		96
36) 4-Chloro-3-methylphenol	8.73	107	218132	33.506	ng		97
37) 2-Methylnaphthalene	8.89	142	488431	39.295	ng		97
38) 1-Methylnaphthalene	8.99	142	468935	39.333	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	268941	44.302	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.17	196	159914	38.838	ng		99
44) 2,4,5-Trichlorophenol	9.22	196	163386	37.873	ng		98
46) 1,1'-Biphenyl	9.35	154	607778	38.157	ng		98
47) 2-Chloronaphthalene	9.37	162	466477	37.315	ng		99
48) 2-Nitroaniline	9.47	65	172916	45.242	ng		87
49) Acenaphthylene	9.79	152	668858	36.190	ng		98
50) Dimethylphthalate	9.64	163	569193	39.791	ng		99
51) 2,6-Dinitrotoluene	9.70	165	86433	27.021	ng		98
52) Acenaphthene	9.96	154	422223	35.437	ng		98
53) 3-Nitroaniline	9.87	138	165446	48.297	ng		99
55) Dibenzofuran	10.13	168	652727	37.669	ng		99
56) 4-Nitrophenol	10.05	139	76014	31.405	ng		93
57) 2,4-Dinitrotoluene	10.11	165	89481	21.649	ng		91
58) Fluorene	10.48	166	438358	34.767	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	116634	32.088	ng		99
60) Diethylphthalate	10.34	149	498606	36.019	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	247320	34.980	ng		95
62) 4-Nitroaniline	10.49	138	155615	47.894	ng		92
63) Azobenzene	10.63	77	428011	32.366	ng		96
65) 4,6-Dinitro-2-methylphenol	10.53	198	564	0.263	ng	#	56
66) n-Nitrosodiphenylamine	10.58	169	424152	36.408	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	152910	34.006	ng		97
68) Hexachlorobenzene	11.03	284	165753	33.261	ng		98
69) Atrazine	11.11	200	122931	30.033	ng		98
70) Pentachlorophenol	11.23	266	70676	24.923	ng		100
71) Phenanthrene	11.44	178	696066	37.501	ng		100
72) Anthracene	11.49	178	706766	37.510	ng		99
73) Carbazole	11.65	167	681523	37.185	ng		98
74) Di-n-butylphthalate	11.97	149	794005	37.296	ng		100
75) Fluoranthene	12.63	202	682260	35.805	ng		98
77) Benzidine	12.75	184	456995	81.590	ng		97
78) Pyrene	12.86	202	681772	52.859	ng		98
80) Butylbenzylphthalate	13.47	149	282591	51.825	ng		99
81) Benzo(a)anthracene	14.05	228	417690	38.717	ng		98
82) 3,3'-Dichlorobenzidine	14.00	252	184365	46.291	ng		99
83) Chrysene	14.09	228	395521	38.451	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	351220	49.045	ng	#	99
85) Di-n-octyl phthalate	14.64	149	485030	47.329	ng		98
86) Indeno(1,2,3-cd)pyrene	17.06	276	155249	20.702	ng		98
88) Benzo(b)fluoranthene	15.11	252	330769	49.644	ng		97
89) Benzo(k)fluoranthene	15.14	252	291478	46.540	ng		99
90) Benzo(a)pyrene	15.49	252	258061	44.050	ng		99
91) Dibenzo(a,h)anthracene	17.07	278	134710	28.589	ng		97
92) Benzo(g,h,i)perylene	17.51	276	115167	24.989	ng		98

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

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