Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012519\
Data File : BM018650.D
Acq On : 25 Jan 2019 13:29
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
1/29/2019 12:26:52 AM

Quant Time: Jan 25 14:58:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 22:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	261437	20.00	ng		0.00
21) Naphthalene-d8	10.53	136	1156617	20.00	ng		0.00
39) Acenaphthene-d10	14.39	164	710422	20.00	ng		0.00
64) Phenanthrene-d10	17.13	188	1670547	20.00	ng		0.00
76) Chrysene-d12	21.33	240	1847488	20.00	ng		0.00
87) Perylene-d12	23.60	264	1872007	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1084115	76.57	ng		0.00
7) Phenol-d6	6.91	99	1504935	83.69	ng		0.00
23) Nitrobenzene-d5	8.90	82	1527543	76.56	ng		0.00
42) 2,4,6-Tribromophenol	15.88	330	792281	87.59	ng		0.00
45) 2-Fluorobiphenyl	13.00	172	4052699	74.44	ng		0.00
79) Terphenyl-d14	19.77	244	6773103	77.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	195879	33.944	ng		95
3) Pyridine	3.67	79	567104	39.417	ng		95
4) n-Nitrosodimethylamine	3.59	42	230736	38.784	ng	#	91
6) Aniline	7.07	93	910421	45.385	ng		98
8) 2-Chlorophenol	7.30	128	669451	40.484	ng		96
9) Benzaldehyde	6.89	77	369561	34.301	ng		97
10) Phenol	6.93	94	753584	41.239	ng		98
11) bis(2-Chloroethyl)ether	7.17	93	603180	42.008	ng		96
12) 1,3-Dichlorobenzene	7.62	146	757135	38.447	ng		99
13) 1,4-Dichlorobenzene	7.77	146	768344	38.495	ng		100
14) 1,2-Dichlorobenzene	8.09	146	745183	39.373	ng		99
15) Benzyl Alcohol	7.98	79	602174	46.362	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	774799	42.224	ng		94
17) 2-Methylphenol	8.18	107	541471	43.652	ng		99
18) Hexachloroethane	8.80	117	276194	38.809	ng		96
19) n-Nitroso-di-n-propylamine	8.55	70	535534	45.761	ng		93
20) 3+4-Methylphenols	8.51	107	775287	45.276	ng		99
22) Acetophenone	8.56	105	1105179	38.627	ng		97
24) Nitrobenzene	8.95	77	746168	38.010	ng		97
25) Isophorone	9.46	82	1280986	42.399	ng		98
26) 2-Nitrophenol	9.65	139	431977	45.508	ng		95
27) 2,4-Dimethylphenol	9.70	122	575446	40.445	ng		97
28) bis(2-Chloroethoxy)methane	9.95	93	846474	40.557	ng		99
29) 2,4-Dichlorophenol	10.17	162	699830	41.307	ng		100
30) 1,2,4-Trichlorobenzene	10.39	180	781929	37.184	ng		98
31) Naphthalene	10.57	128	2112813	37.930	ng		99
32) Benzoic acid	9.86	122	528410m	54.190	ng		
33) 4-Chloroaniline	10.70	127	996773	45.437	ng		98
34) Hexachlorobutadiene	10.85	225	496814	37.397	ng		99
35) Caprolactam	11.52	113	267735	46.481	ng		90
36) 4-Chloro-3-methylphenol	11.82	107	778741	43.813	ng		98
37) 2-Methylnaphthalene	12.19	142	1574806	40.014	ng		100
38) 1-Methylnaphthalene	12.42	142	1524339	40.030	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.56	216	921832	37.106	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	526122	38.587	ng		99
43) 2,4,6-Trichlorophenol	12.81	196	624376	41.387	ng		99
44) 2,4,5-Trichlorophenol	12.88	196	659521	41.567	ng		98
46) 1,1'-Biphenyl	13.22	154	2308763	37.220	ng		99
47) 2-Chloronaphthalene	13.26	162	1781686	37.040	ng		100
48) 2-Nitroaniline	13.47	65	503606	42.555	ng		97
49) Acenaphthylene	14.11	152	2721735	38.827	ng		99
50) Dimethylphthalate	13.85	163	2293346	39.307	ng		99
51) 2,6-Dinitrotoluene	13.97	165	515263	41.692	ng		95
52) Acenaphthene	14.45	154	1621326	37.801	ng		98
53) 3-Nitroaniline	14.31	138	557969	44.782	ng		97
54) 2,4-Dinitrophenol	14.52	184	299691	47.963	ng		89
55) Dibenzofuran	14.79	168	2674019	37.732	ng		98
56) 4-Nitrophenol	14.62	139	460366	42.769	ng		94
57) 2,4-Dinitrotoluene	14.76	165	723386	41.369	ng		99
58) Fluorene	15.43	166	2068053	39.173	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.01	232	593154	42.177	ng		97
60) Diethylphthalate	15.22	149	2399386	40.736	ng		99
61) 4-Chlorophenyl-phenylether	15.43	204	1184828	38.940	ng		98
62) 4-Nitroaniline	15.48	138	546674	40.225	ng		98
63) Azobenzene	15.73	77	1924795	40.081	ng		96
65) 4,6-Dinitro-2-methylphenol	15.53	198	464915	44.150	ng		83
66) n-Nitrosodiphenylamine	15.65	169	1999327	38.582	ng		100
67) 4-Bromophenyl-phenylether	16.33	248	724791	38.771	ng		98
68) Hexachlorobenzene	16.43	284	804255	38.429	ng		97
69) Atrazine	16.61	200	748273	39.943	ng		99
70) Pentachlorophenol	16.78	266	584376	42.636	ng		99
71) Phenanthrene	17.18	178	3358948	37.802	ng		100
72) Anthracene	17.27	178	3374794	39.497	ng		100
73) Carbazole	17.54	167	3332359	37.960	ng		100
74) Di-n-butylphthalate	18.10	149	4171287	43.380	ng		99
75) Fluoranthene	19.20	202	4008389	39.128	ng		98
77) Benzidine	19.39	184	2140689	46.927	ng		97
78) Pyrene	19.56	202	4083755	37.291	ng		99
80) Butylbenzylphthalate	20.46	149	1993445	42.660	ng		99
81) Benzo(a)anthracene	21.32	228	4129943	37.946	ng		100
82) 3,3'-Dichlorobenzidine	21.25	252	1671510	40.613	ng		100
83) Chrysene	21.37	228	3940071	37.489	ng		100
84) Bis(2-ethylhexyl)phthalate	21.23	149	2894996	42.903	ng		99
85) Di-n-octyl phthalate	22.12	149	4829117	42.551	ng	#	1
86) Indeno(1,2,3-cd)pyrene	25.91	276	4626297	38.173	ng		97
88) Benzo(b)fluoranthene	22.92	252	4135612	38.913	ng		99
89) Benzo(k)fluoranthene	22.96	252	3938666	36.774	ng		98
90) Benzo(a)pyrene	23.50	252	3906088	38.391	ng		98
91) Dibenzo(a,h)anthracene	25.92	278	3920276	38.026	ng		99
92) Benzo(g,h,i)perylene	26.62	276	3806858	37.946	ng		98

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

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