Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
Data File : BM020597.D
Acq On : 29 May 2019 13:43
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
5/30/2019 8:15:55 AM

Quant Time: May 29 14:55:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 14:38:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	38186	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	147563	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	105922	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	279899	20.00	ng	0.00
76) Chrysene-d12	21.24	240	329789	20.00	ng	0.00
87) Perylene-d12	23.46	264	353094	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	165412	84.98	ng	0.00
7) Phenol-d6	6.80	99	245787	83.66	ng	0.00
23) Nitrobenzene-d5	8.80	82	309427	88.01	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	185184	87.26	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	745582	88.33	ng	0.00
79) Terphenyl-d14	19.67	244	1605685	88.02	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	49130m	48.234	ng	
3) Pyridine	3.54	79	137762	45.730	ng	100
4) n-Nitrosodimethylamine	3.46	42	34167	47.301	ng	100
6) Aniline	6.96	93	168718	39.700	ng	100
8) 2-Chlorophenol	7.19	128	103229	43.371	ng	100
9) Benzaldehyde	6.79	77	75312	40.154	ng	100
10) Phenol	6.83	94	132116	41.645	ng	100
11) bis(2-Chloroethyl)ether	7.06	93	91982	38.853	ng	100
12) 1,3-Dichlorobenzene	7.51	146	134828	44.233	ng	100
13) 1,4-Dichlorobenzene	7.66	146	128782	42.268	ng	100
14) 1,2-Dichlorobenzene	7.97	146	132652	43.428	ng	100
15) Benzyl Alcohol	7.88	79	104106m	38.294	ng	
16) 2,2'-oxybis(1-Chloropropan	8.15	45	67020	40.617	ng	100
17) 2-Methylphenol	8.08	107	81642	38.981	ng	100
18) Hexachloroethane	8.68	117	58418	47.332	ng	100
19) n-Nitroso-di-n-propylamine	8.43	70	106299	40.748	ng	100
20) 3+4-Methylphenols	8.40	107	106664	37.975	ng	100
22) Acetophenone	8.46	105	167598	41.245	ng	100
24) Nitrobenzene	8.84	77	151009	43.493	ng	100
25) Isophorone	9.36	82	283609	43.354	ng	100
26) 2-Nitrophenol	9.55	139	50631	39.521	ng	100
27) 2,4-Dimethylphenol	9.60	122	76590	40.132	ng	100
28) bis(2-Chloroethoxy)methane	9.84	93	133677	39.255	ng	100
29) 2,4-Dichlorophenol	10.08	162	104633	41.222	ng	100
30) 1,2,4-Trichlorobenzene	10.28	180	154852	44.619	ng	100
31) Naphthalene	10.46	128	328111	43.064	ng	100
32) Benzoic acid	9.70	122	18119m	21.306	ng	
33) 4-Chloroaniline	10.60	127	105560	34.712	ng	100
34) Hexachlorobutadiene	10.72	225	130168	50.447	ng	100
35) Caprolactam	11.40	113	31580	37.803	ng	100
36) 4-Chloro-3-methylphenol	11.72	107	106249	38.466	ng	100
37) 2-Methylnaphthalene	12.09	142	241698	41.523	ng	100
38) 1-Methylnaphthalene	12.30	142	237300	42.076	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.45	216	203732	45.755	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	65853	35.353 ng	100
43) 2,4,6-Trichlorophenol	12.71	196	121973	44.265 ng	100
44) 2,4,5-Trichlorophenol	12.79	196	104457	40.595 ng	100
46) 1,1'-Biphenyl	13.12	154	349546	42.848 ng	100
47) 2-Chloronaphthalene	13.16	162	298668	43.189 ng	100
48) 2-Nitroaniline	13.39	65	75529	36.342 ng	100
49) Acenaphthylene	14.01	152	445469	42.358 ng	100
50) Dimethylphthalate	13.76	163	398997	42.528 ng	100
51) 2,6-Dinitrotoluene	13.89	165	81676	41.769 ng	100
52) Acenaphthene	14.35	154	272838	43.051 ng	100
53) 3-Nitroaniline	14.23	138	56504	34.239 ng	100
54) 2,4-Dinitrophenol	14.45	184	33412	33.578 ng	100
55) Dibenzofuran	14.69	168	469196	42.783 ng	100
56) 4-Nitrophenol	14.56	139	40141	36.535 ng	100
57) 2,4-Dinitrotoluene	14.68	165	109400	38.742 ng	100
58) Fluorene	15.34	166	381679	41.897 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.92	232	130380	43.545 ng	100
60) Diethylphthalate	15.12	149	388751	42.055 ng	100
61) 4-Chlorophenyl-phenylether	15.34	204	254691	43.792 ng	100
62) 4-Nitroaniline	15.40	138	58209m	35.413 ng	
63) Azobenzene	15.63	77	391435	43.518 ng	100
65) 4,6-Dinitro-2-methylphenol	15.45	198	57376	34.423 ng	100
66) n-Nitrosodiphenylamine	15.56	169	326885	43.072 ng	100
67) 4-Bromophenyl-phenylether	16.23	248	165946	44.505 ng	100
68) Hexachlorobenzene	16.33	284	209687	46.382 ng	100
69) Atrazine	16.52	200	122997	39.390 ng	100
70) Pentachlorophenol	16.69	266	102841	44.040 ng	100
71) Phenanthrene	17.09	178	648822	42.670 ng	100
72) Anthracene	17.17	178	595212	40.364 ng	100
73) Carbazole	17.46	167	492923	38.951 ng	100
74) Di-n-butylphthalate	18.00	149	662068	42.530 ng	100
75) Fluoranthene	19.11	202	878588	41.551 ng	100
77) Benzidine	19.32	184	213839m	35.283 ng	
78) Pyrene	19.47	202	903943	43.660 ng	100
80) Butylbenzylphthalate	20.37	149	296798	40.799 ng	100
81) Benzo(a)anthracene	21.23	228	946926	41.486 ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	327757	39.342 ng	100
83) Chrysene	21.28	228	959120	43.487 ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	435705	41.094 ng	100
85) Di-n-octyl phthalate	22.02	149	749452	40.660 ng	100
86) Indeno(1,2,3-cd)pyrene	25.72	276	1154964	43.310 ng	100
88) Benzo(b)fluoranthene	22.80	252	948990	41.063 ng	100
89) Benzo(k)fluoranthene	22.84	252	1012441	45.138 ng	100
90) Benzo(a)pyrene	23.37	252	915258	43.037 ng	100
91) Dibenzo(a,h)anthracene	25.73	278	971519	44.628 ng	100
92) Benzo(g,h,i)perylene	26.40	276	916456	45.414 ng	100

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

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