Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053119\
Data File : BM020626.D
Acq On : 31 May 2019 11:48
Operator : JU/SJ
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
6/3/2019 8:48:30 AM

Quant Time: May 31 14:27:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 13:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	219939	20.00	ng		0.00
21) Naphthalene-d8	10.63	136	1041656	20.00	ng		0.00
39) Acenaphthene-d10	14.47	164	607014	20.00	ng		0.00
64) Phenanthrene-d10	17.22	188	1249710	20.00	ng		0.00
76) Chrysene-d12	21.39	240	1013476	20.00	ng		0.00
87) Perylene-d12	23.69	264	1070668	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	504782	40.83	ng		0.00
7) Phenol-d6	6.99	99	740523	41.98	ng		0.00
23) Nitrobenzene-d5	8.99	82	796700	41.26	ng		0.00
42) 2,4,6-Tribromophenol	15.96	330	266948	34.85	ng		0.00
45) 2-Fluorobiphenyl	13.09	172	1874602	40.25	ng		0.00
79) Terphenyl-d14	19.84	244	2413552	41.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	103422	20.314	ng		99
3) Pyridine	3.75	79	331312	21.410	ng		98
4) n-Nitrosodimethylamine	3.67	42	135336	20.600	ng		96
6) Aniline	7.16	93	542345	21.264	ng		99
8) 2-Chlorophenol	7.40	128	313682	20.699	ng		99
9) Benzaldehyde	6.98	77	262932	25.570	ng		99
10) Phenol	7.02	94	397964	20.931	ng		98
11) bis(2-Chloroethyl)ether	7.26	93	320802	21.230	ng		98
12) 1,3-Dichlorobenzene	7.72	146	364336	20.425	ng		98
13) 1,4-Dichlorobenzene	7.87	146	367374	20.336	ng		100
14) 1,2-Dichlorobenzene	8.18	146	360798	20.611	ng		98
15) Benzyl Alcohol	8.07	79	325165	21.088	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	505613	22.540	ng		98
17) 2-Methylphenol	8.27	107	281816	21.321	ng		99
18) Hexachloroethane	8.91	117	139730	20.457	ng		99
19) n-Nitroso-di-n-propylamine	8.64	70	305731	22.423	ng		99
20) 3+4-Methylphenols	8.59	107	381346	21.181	ng		98
22) Acetophenone	8.66	105	535998	20.439	ng	#	99
24) Nitrobenzene	9.03	77	408794	20.640	ng		98
25) Isophorone	9.56	82	800468	20.399	ng		99
26) 2-Nitrophenol	9.75	139	134145	18.336	ng		96
27) 2,4-Dimethylphenol	9.80	122	287030	20.000	ng		98
28) bis(2-Chloroethoxy)methane	10.05	93	489146	20.735	ng		99
29) 2,4-Dichlorophenol	10.27	162	309548	19.294	ng		99
30) 1,2,4-Trichlorobenzene	10.49	180	361703	19.106	ng		100
31) Naphthalene	10.67	128	1081408	20.183	ng		100
32) Benzoic acid	9.90	122	142915m	20.837	ng		
33) 4-Chloroaniline	10.79	127	497027	20.280	ng		98
34) Hexachlorobutadiene	10.96	225	214766	18.409	ng		100
35) Caprolactam	11.56	113	103262	19.236	ng		95
36) 4-Chloro-3-methylphenol	11.90	107	359122	20.269	ng		99
37) 2-Methylnaphthalene	12.29	142	795973	20.266	ng		99
38) 1-Methylnaphthalene	12.51	142	760506	20.415	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	392386	18.658	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	229932	18.504 ng	99
43) 2,4,6-Trichlorophenol	12.89	196	246358	19.124 ng	99
44) 2,4,5-Trichlorophenol	12.96	196	258539	19.728 ng	98
46) 1,1'-Biphenyl	13.30	154	1038334	20.209 ng	99
47) 2-Chloronaphthalene	13.35	162	836747	20.231 ng	99
48) 2-Nitroaniline	13.55	65	233562	21.258 ng	98
49) Acenaphthylene	14.19	152	1289381	20.095 ng	100
50) Dimethylphthalate	13.93	163	1023602	19.785 ng	100
51) 2,6-Dinitrotoluene	14.05	165	199395	20.058 ng	97
52) Acenaphthene	14.53	154	760554	19.888 ng	99
53) 3-Nitroaniline	14.38	138	217759	19.998 ng	97
54) 2,4-Dinitrophenol	14.58	184	57506	18.655 ng	98
55) Dibenzofuran	14.87	168	1172239	19.771 ng	99
56) 4-Nitrophenol	14.67	139	151138	18.691 ng	97
57) 2,4-Dinitrotoluene	14.83	165	250127	19.142 ng	96
58) Fluorene	15.52	166	959973	19.761 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	211269	18.416 ng	99
60) Diethylphthalate	15.30	149	1031400	19.485 ng	99
61) 4-Chlorophenyl-phenylether	15.52	204	492841	18.927 ng	100
62) 4-Nitroaniline	15.54	138	220973	19.142 ng	98
63) Azobenzene	15.81	77	1010509	20.383 ng	99
65) 4,6-Dinitro-2-methylphenol	15.59	198	82286	19.177 ng	96
66) n-Nitrosodiphenylamine	15.73	169	820319	20.459 ng	99
67) 4-Bromophenyl-phenylether	16.41	248	291515	19.021 ng	98
68) Hexachlorobenzene	16.51	284	340164	19.378 ng	98
69) Atrazine	16.68	200	266116	21.022 ng	98
70) Pentachlorophenol	16.86	266	148595	18.380 ng	99
71) Phenanthrene	17.26	178	1430697	20.316 ng	99
72) Anthracene	17.34	178	1420840	20.111 ng	100
73) Carbazole	17.62	167	1276921	19.901 ng	100
74) Di-n-butylphthalate	18.19	149	1636854	19.610 ng	100
75) Fluoranthene	19.27	202	1507559	18.866 ng	99
77) Benzidine	19.46	184	681019	20.458 ng	100
78) Pyrene	19.63	202	1538947	20.603 ng	99
80) Butylbenzylphthalate	20.54	149	614326	19.655 ng	100
81) Benzo(a)anthracene	21.38	228	1404660	19.988 ng	99
82) 3,3'-Dichlorobenzidine	21.32	252	516644	19.388 ng	99
83) Chrysene	21.43	228	1338041	20.007 ng	100
84) Bis(2-ethylhexyl)phthalate	21.32	149	924283	20.146 ng	97
85) Di-n-octyl phthalate	22.22	149	1473042	19.177 ng	99
86) Indeno(1,2,3-cd)pyrene	26.01	276	1530730	19.608 ng	100
88) Benzo(b)fluoranthene	23.00	252	1396039	20.075 ng	99
89) Benzo(k)fluoranthene	23.04	252	1283954	19.280 ng	99
90) Benzo(a)pyrene	23.59	252	1243664	19.459 ng	100
91) Dibenzo(a,h)anthracene	26.03	278	1273577	19.723 ng	100
92) Benzo(g,h,i)perylene	26.73	276	1198879	19.714 ng	99

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

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