Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053119\
Data File : BM020639.D
Acq On : 31 May 2019 20:48
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/3/2019 8:48:57 AM

Quant Time: Jun 01 04:02:05 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 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	320897	20.00	ng		0.00
21) Naphthalene-d8	10.63	136	1314652	20.00	ng		0.00
39) Acenaphthene-d10	14.47	164	644527	20.00	ng		0.00
64) Phenanthrene-d10	17.22	188	1243113	20.00	ng		0.00
76) Chrysene-d12	21.40	240	1103564	20.00	ng		0.00
87) Perylene-d12	23.69	264	1271940	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1469479	80.55	ng		0.00
7) Phenol-d6	7.00	99	2020475	75.22	ng		0.00
23) Nitrobenzene-d5	9.00	82	2077788	81.89	ng		0.00
42) 2,4,6-Tribromophenol	15.96	330	570184	71.40	ng		0.00
45) 2-Fluorobiphenyl	13.10	172	4123008	85.04	ng		0.00
79) Terphenyl-d14	19.84	244	4954379	75.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	300892	40.286	ng		99
3) Pyridine	3.75	79	879214	36.999	ng		99
4) n-Nitrosodimethylamine	3.67	42	399041	38.954	ng		98
6) Aniline	7.17	93	1429889	36.790	ng		100
8) 2-Chlorophenol	7.40	128	881081	38.824	ng		98
9) Benzaldehyde	6.99	77	618240	39.346	ng		97
10) Phenol	7.03	94	1087285	37.561	ng		98
11) bis(2-Chloroethyl)ether	7.27	93	880792	38.180	ng		98
12) 1,3-Dichlorobenzene	7.72	146	1044226	40.036	ng		99
13) 1,4-Dichlorobenzene	7.87	146	1056516	39.845	ng		99
14) 1,2-Dichlorobenzene	8.19	146	1003781	38.900	ng		99
15) Benzyl Alcohol	8.07	79	854087	35.941	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.37	45	1318282	37.013	ng		99
17) 2-Methylphenol	8.27	107	738718	36.291	ng		100
18) Hexachloroethane	8.91	117	395888	38.997	ng		97
19) n-Nitroso-di-n-propylamine	8.65	70	741789	34.354	ng		99
20) 3+4-Methylphenols	8.60	107	986430	35.618	ng		98
22) Acetophenone	8.66	105	1333175	39.919	ng	#	98
24) Nitrobenzene	9.04	77	1048027	40.459	ng		100
25) Isophorone	9.56	82	1881469	37.277	ng		99
26) 2-Nitrophenol	9.75	139	402119	41.653	ng		99
27) 2,4-Dimethylphenol	9.80	122	699858	38.688	ng		99
28) bis(2-Chloroethoxy)methane	10.05	93	1189954	38.993	ng		99
29) 2,4-Dichlorophenol	10.27	162	780460	38.995	ng		99
30) 1,2,4-Trichlorobenzene	10.49	180	940612	40.872	ng		98
31) Naphthalene	10.68	128	2683700	39.697	ng		99
32) Benzoic acid	9.94	122	428481m	38.740	ng		
33) 4-Chloroaniline	10.79	127	1163851	36.992	ng		98
34) Hexachlorobutadiene	10.96	225	571320	41.375	ng		100
35) Caprolactam	11.57	113	233440	33.574	ng		96
36) 4-Chloro-3-methylphenol	11.90	107	809054	34.768	ng		98
37) 2-Methylnaphthalene	12.29	142	1835270	36.625	ng		99
38) 1-Methylnaphthalene	12.51	142	1727791	36.212	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.66	216	900702	42.643	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	286442	22.675 ng	98
43) 2,4,6-Trichlorophenol	12.90	196	566787	41.689 ng	98
44) 2,4,5-Trichlorophenol	12.96	196	573687	40.872 ng	98
46) 1,1'-Biphenyl	13.30	154	2270569	42.181 ng	99
47) 2-Chloronaphthalene	13.34	162	1804266	41.530 ng	99
48) 2-Nitroaniline	13.56	65	547173	40.128 ng	94
49) Acenaphthylene	14.20	152	2689118	39.670 ng	99
50) Dimethylphthalate	13.93	163	2114041	38.392 ng	99
51) 2,6-Dinitrotoluene	14.06	165	431867	38.625 ng	94
52) Acenaphthene	14.54	154	1596417	39.519 ng	98
53) 3-Nitroaniline	14.38	138	478139	38.313 ng	99
54) 2,4-Dinitrophenol	14.59	184	78487	22.096 ng	97
55) Dibenzofuran	14.87	168	2400551	38.261 ng	100
56) 4-Nitrophenol	14.68	139	337669	36.717 ng	97
57) 2,4-Dinitrotoluene	14.84	165	551113	36.812 ng	99
58) Fluorene	15.52	166	1930081	37.408 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	449902	36.784 ng	99
60) Diethylphthalate	15.30	149	2112413	37.196 ng	99
61) 4-Chlorophenyl-phenylether	15.52	204	1011298	37.018 ng	99
62) 4-Nitroaniline	15.54	138	492013	37.173 ng	97
63) Azobenzene	15.81	77	2027460	37.238 ng	100
65) 4,6-Dinitro-2-methylphenol	15.60	198	117161	25.713 ng	96
66) n-Nitrosodiphenylamine	15.73	169	1646909	41.385 ng	100
67) 4-Bromophenyl-phenylether	16.41	248	584528	39.937 ng	98
68) Hexachlorobenzene	16.52	284	667027	39.028 ng	99
69) Atrazine	16.69	200	506549	42.650 ng	99
70) Pentachlorophenol	16.86	266	323462	39.672 ng	98
71) Phenanthrene	17.26	178	2775263	39.386 ng	100
72) Anthracene	17.35	178	2794591	39.625 ng	99
73) Carbazole	17.62	167	2538493	39.664 ng	100
74) Di-n-butylphthalate	18.19	149	3367473	40.533 ng	99
75) Fluoranthene	19.27	202	3049141	38.911 ng	99
77) Benzidine	19.46	184	1558656	46.612 ng	100
78) Pyrene	19.63	202	3125219	36.904 ng	100
80) Butylbenzylphthalate	20.54	149	1450481	40.529 ng	98
81) Benzo(a)anthracene	21.38	228	3042712	39.593 ng	99
82) 3,3'-Dichlorobenzidine	21.32	252	1251949	44.487 ng	99
83) Chrysene	21.43	228	2915667	39.912 ng	100
84) Bis(2-ethylhexyl)phthalate	21.32	149	2131607	40.981 ng	99
85) Di-n-octyl phthalate	22.21	149	3695867	44.755 ng	99
86) Indeno(1,2,3-cd)pyrene	26.03	276	3772335	50.476 ng	100
88) Benzo(b)fluoranthene	23.00	252	3144480	37.404 ng	99
89) Benzo(k)fluoranthene	23.04	252	3087444	37.581 ng	100
90) Benzo(a)pyrene	23.59	252	2981047	39.094 ng	99
91) Dibenzo(a,h)anthracene	26.04	278	3140672	42.454 ng	99
92) Benzo(g,h,i)perylene	26.74	276	2954773	43.000 ng	99

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

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