Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053119\
Data File : BM020629.D
Acq On : 31 May 2019 13:36
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
mohammad
6/3/2019 8:48:42 AM

Quant Time: May 31 14:30:31 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	230008	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	1078246	20.00	ng	0.00
39) Acenaphthene-d10	14.47	164	638153	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	1428311	20.00	ng	0.00
76) Chrysene-d12	21.40	240	1171673	20.00	ng	0.00
87) Perylene-d12	23.69	264	1063004	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1589319	122.92	ng	0.00
7) Phenol-d6	7.00	99	2347034	127.22	ng	0.00
23) Nitrobenzene-d5	9.00	82	2545391	127.35	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	1020831	126.78	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	5803782	118.53	ng	0.00
79) Terphenyl-d14	19.84	244	8859035	131.86	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	321530	60.391	ng	98
3) Pyridine	3.75	79	1030381	63.670	ng	99
4) n-Nitrosodimethylamine	3.66	42	444940	64.760	ng	98
6) Aniline	7.17	93	1692214	63.442	ng	100
8) 2-Chlorophenol	7.40	128	985037	62.155	ng	99
9) Benzaldehyde	6.98	77	601897	55.971	ng	99
10) Phenol	7.03	94	1262339	63.487	ng	99
11) bis(2-Chloroethyl)ether	7.27	93	1000035	63.282	ng	99
12) 1,3-Dichlorobenzene	7.72	146	1128788	60.511	ng	100
13) 1,4-Dichlorobenzene	7.87	146	1150906	60.920	ng	99
14) 1,2-Dichlorobenzene	8.19	146	1118444	61.095	ng	99
15) Benzyl Alcohol	8.07	79	1045596	64.840	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.37	45	1525837	65.044	ng	99
17) 2-Methylphenol	8.27	107	889541	64.353	ng	100
18) Hexachloroethane	8.91	117	440830	61.713	ng	98
19) n-Nitroso-di-n-propylamine	8.65	70	934897	65.566	ng	98
20) 3+4-Methylphenols	8.60	107	1209214	64.223	ng	100
22) Acetophenone	8.66	105	1636605	60.290	ng	98
24) Nitrobenzene	9.04	77	1296556	63.240	ng	99
25) Isophorone	9.56	82	2500758	61.567	ng	100
26) 2-Nitrophenol	9.75	139	507660	67.037	ng	97
27) 2,4-Dimethylphenol	9.80	122	899892	60.575	ng	99
28) bis(2-Chloroethoxy)methane	10.05	93	1510518	61.858	ng	99
29) 2,4-Dichlorophenol	10.27	162	1004007	60.457	ng	99
30) 1,2,4-Trichlorobenzene	10.49	180	1145545	58.456	ng	100
31) Naphthalene	10.68	128	3319905	59.857	ng	99
32) Benzoic acid	9.97	122	584292m	82.299	ng	
33) 4-Chloroaniline	10.79	127	1559797	61.485	ng	99
34) Hexachlorobutadiene	10.96	225	686328	56.834	ng	99
35) Caprolactam	11.60	113	352607m	63.456	ng	
36) 4-Chloro-3-methylphenol	11.91	107	1172884	63.952	ng	99
37) 2-Methylnaphthalene	12.29	142	2472360	60.811	ng	99
38) 1-Methylnaphthalene	12.51	142	2360478	61.213	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.66	216	1272069	57.537	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	774259	59.267 ng		100
43) 2,4,6-Trichlorophenol	12.90	196	834233	61.599 ng		98
44) 2,4,5-Trichlorophenol	12.96	196	860456	62.453 ng		97
46) 1,1'-Biphenyl	13.31	154	3203492	59.306 ng		99
47) 2-Chloronaphthalene	13.35	162	2598535	59.763 ng		99
48) 2-Nitroaniline	13.56	65	867146	75.072 ng		95
49) Acenaphthylene	14.20	152	4071879	60.363 ng		99
50) Dimethylphthalate	13.94	163	3341537	61.435 ng		99
51) 2,6-Dinitrotoluene	14.06	165	702340	67.205 ng		96
52) Acenaphthene	14.54	154	2432894	60.515 ng		98
53) 3-Nitroaniline	14.39	138	785580	68.622 ng		98
54) 2,4-Dinitrophenol	14.59	184	288324	88.969 ng		98
55) Dibenzofuran	14.87	168	3781181	60.661 ng		99
56) 4-Nitrophenol	14.69	139	592243	69.668 ng		96
57) 2,4-Dinitrotoluene	14.84	165	965159	70.260 ng		98
58) Fluorene	15.52	166	3128985	61.266 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	767735	63.658 ng		100
60) Diethylphthalate	15.30	149	3449937	61.994 ng		100
61) 4-Chlorophenyl-phenylether	15.52	204	1672634	61.100 ng		95
62) 4-Nitroaniline	15.56	138	846970	69.791 ng		97
63) Azobenzene	15.82	77	3303196	63.378 ng		98
65) 4,6-Dinitro-2-methylphenol	15.60	198	392806	80.098 ng		97
66) n-Nitrosodiphenylamine	15.74	169	2740929	59.810 ng		100
67) 4-Bromophenyl-phenylether	16.42	248	1018690	58.156 ng		95
68) Hexachlorobenzene	16.52	284	1186480	59.139 ng		99
69) Atrazine	16.69	200	814095	56.267 ng		99
70) Pentachlorophenol	16.86	266	602702	65.228 ng		100
71) Phenanthrene	17.26	178	4878956	60.620 ng		100
72) Anthracene	17.35	178	4931746	61.076 ng		99
73) Carbazole	17.62	167	4476168	61.039 ng		100
74) Di-n-butylphthalate	18.19	149	5840975	61.227 ng		99
75) Fluoranthene	19.27	202	5523201	60.476 ng		100
77) Benzidine	19.46	184	2028184	52.700 ng		100
78) Pyrene	19.64	202	5615756	65.033 ng		99
80) Butylbenzylphthalate	20.54	149	2401953	66.474 ng		99
81) Benzo(a)anthracene	21.38	228	4954552	60.983 ng		99
82) 3,3'-Dichlorobenzidine	21.32	252	1835668	59.586 ng		98
83) Chrysene	21.43	228	4685278	60.597 ng		99
84) Bis(2-ethylhexyl)phthalate	21.32	149	3413731	64.362 ng	#	98
85) Di-n-octyl phthalate	22.22	149	5322723	59.938 ng		100
86) Indeno(1,2,3-cd)pyrene	26.03	276	4464443	49.465 ng		99
88) Benzo(b)fluoranthene	23.00	252	4288511	62.113 ng		100
89) Benzo(k)fluoranthene	23.05	252	4300148	65.039 ng		100
90) Benzo(a)pyrene	23.59	252	3904917	61.538 ng		100
91) Dibenzo(a,h)anthracene	26.04	278	3713612	57.925 ng		99
92) Benzo(g,h,i)perylene	26.74	276	3429488	56.801 ng		99

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

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