Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062019\
Data File : BM021059.D
Acq On : 20 Jun 2019 10:48
Operator : HP/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
6/21/2019 10:01:40 PM

Quant Time: Jun 20 13:10:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 20 12:21:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	229042	20.00	ng		0.00
21) Naphthalene-d8	10.57	136	999552	20.00	ng		0.00
39) Acenaphthene-d10	14.42	164	660351	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	1573372	20.00	ng		0.00
76) Chrysene-d12	21.35	240	1489374	20.00	ng		0.00
87) Perylene-d12	23.63	264	1515851	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	499680	38.38	ng		0.00
7) Phenol-d6	6.95	99	706829	36.87	ng		0.00
23) Nitrobenzene-d5	8.94	82	747475	38.75	ng		0.00
42) 2,4,6-Tribromophenol	15.91	330	467415	57.13	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	2104105	42.36	ng		0.00
79) Terphenyl-d14	19.79	244	3163412	35.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	100424	18.838	ng		100
3) Pyridine	3.72	79	285408	16.827	ng		99
4) n-Nitrosodimethylamine	3.63	42	97662	13.357	ng	#	97
6) Aniline	7.12	93	473644	17.074	ng		100
8) 2-Chlorophenol	7.35	128	300481	18.550	ng		98
9) Benzaldehyde	6.93	77	229983	21.189	ng		98
10) Phenol	6.97	94	358622	17.357	ng		99
11) bis(2-Chloroethyl)ether	7.21	93	286677	17.410	ng		99
12) 1,3-Dichlorobenzene	7.67	146	371855	19.975	ng		98
13) 1,4-Dichlorobenzene	7.82	146	377037	19.922	ng		98
14) 1,2-Dichlorobenzene	8.13	146	365939	19.869	ng		97
15) Benzyl Alcohol	8.02	79	280222	16.521	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.30	45	378381	14.884	ng		98
17) 2-Methylphenol	8.22	107	255837	17.609	ng		99
18) Hexachloroethane	8.85	117	134524	18.565	ng		94
19) n-Nitroso-di-n-propylamine	8.59	70	258426	16.768	ng		99
20) 3+4-Methylphenols	8.55	107	349171	17.664	ng		98
22) Acetophenone	8.60	105	498791	19.643	ng		99
24) Nitrobenzene	8.99	77	373467	18.963	ng		98
25) Isophorone	9.50	82	698014	18.189	ng		99
26) 2-Nitrophenol	9.69	139	170721	23.259	ng		96
27) 2,4-Dimethylphenol	9.75	122	266839	19.401	ng		99
28) bis(2-Chloroethoxy)methane	9.99	93	440515	18.985	ng		100
29) 2,4-Dichlorophenol	10.22	162	334931	22.010	ng		99
30) 1,2,4-Trichlorobenzene	10.43	180	406442	23.229	ng		97
31) Naphthalene	10.62	128	1039771	20.229	ng		99
32) Benzoic acid	9.86	122	196449m	25.510	ng		
33) 4-Chloroaniline	10.74	127	465703	19.468	ng		99
34) Hexachlorobutadiene	10.89	225	252657	24.065	ng		99
35) Caprolactam	11.53	113	103859m	19.646	ng		
36) 4-Chloro-3-methylphenol	11.86	107	344644	19.480	ng		100
37) 2-Methylnaphthalene	12.23	142	797632	20.936	ng		97
38) 1-Methylnaphthalene	12.45	142	761712	20.997	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	477254	22.054	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	267838	20.694 ng	100
43) 2,4,6-Trichlorophenol	12.85	196	311213	22.342 ng	99
44) 2,4,5-Trichlorophenol	12.92	196	325531	22.637 ng	99
46) 1,1'-Biphenyl	13.25	154	1107449	20.081 ng	99
47) 2-Chloronaphthalene	13.29	162	896411	20.139 ng	99
48) 2-Nitroaniline	13.50	65	235951	16.889 ng	94
49) Acenaphthylene	14.15	152	1370948	19.740 ng	99
50) Dimethylphthalate	13.88	163	1157672	20.520 ng	100
51) 2,6-Dinitrotoluene	14.00	165	242780	21.193 ng	99
52) Acenaphthene	14.49	154	826886	19.979 ng	99
53) 3-Nitroaniline	14.34	138	242233	18.945 ng	97
54) 2,4-Dinitrophenol	14.54	184	121557	30.043 ng	97
55) Dibenzofuran	14.82	168	1355045	21.080 ng	99
56) 4-Nitrophenol	14.64	139	185507	19.688 ng	95
57) 2,4-Dinitrotoluene	14.79	165	330591	21.553 ng	95
58) Fluorene	15.47	166	1094176	20.699 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.04	232	316636	25.268 ng	99
60) Diethylphthalate	15.24	149	1140856	19.607 ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	613748	21.928 ng	98
62) 4-Nitroaniline	15.50	138	260255	19.192 ng	100
63) Azobenzene	15.76	77	942236	16.891 ng	97
65) 4,6-Dinitro-2-methylphenol	15.56	198	168264	25.879 ng	100
66) n-Nitrosodiphenylamine	15.68	169	962764	19.115 ng	99
67) 4-Bromophenyl-phenylether	16.36	248	399646	21.574 ng	98
68) Hexachlorobenzene	16.47	284	477774	22.087 ng	100
69) Atrazine	16.64	200	350615	23.324 ng	99
70) Pentachlorophenol	16.82	266	249015	24.130 ng	99
71) Phenanthrene	17.21	178	1809041	20.284 ng	100
72) Anthracene	17.30	178	1773220	19.865 ng	99
73) Carbazole	17.57	167	1564139	19.310 ng	100
74) Di-n-butylphthalate	18.13	149	1925650	18.313 ng	100
75) Fluoranthene	19.23	202	2104958	21.224 ng	99
77) Benzidine	19.42	184	959970	21.271 ng	99
78) Pyrene	19.59	202	2153945	18.846 ng	99
80) Butylbenzylphthalate	20.49	149	810199	16.774 ng	95
81) Benzo(a)anthracene	21.33	228	2037780	19.647 ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	775025	20.406 ng	99
83) Chrysene	21.39	228	1945874	19.737 ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	1156151	16.470 ng	100
85) Di-n-octyl phthalate	22.15	149	1850382	16.603 ng	100
86) Indeno(1,2,3-cd)pyrene	25.93	276	2126733	21.085 ng	99
88) Benzo(b)fluoranthene	22.94	252	1945077	19.414 ng	99
89) Benzo(k)fluoranthene	22.99	252	1906109	19.468 ng	100
90) Benzo(a)pyrene	23.53	252	1754904	19.311 ng	99
91) Dibenzo(a,h)anthracene	25.94	278	1767086	20.043 ng	99
92) Benzo(g,h,i)perylene	26.63	276	1647575	20.119 ng	99

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

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