Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062219\
Data File : BM021096.D
Acq On : 22 Jun 2019 11:58
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
6/26/2019 1:57:38 PM

Quant Time: Jun 24 06:32:38 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 15:39:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	239844	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	1061954	20.00	ng		0.00
39) Acenaphthene-d10	14.42	164	684004	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	1511786	20.00	ng		0.00
76) Chrysene-d12	21.34	240	1186786	20.00	ng		0.00
87) Perylene-d12	23.62	264	1194293	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1106047	83.50	ng		0.00
7) Phenol-d6	6.95	99	1595312	82.70	ng		0.00
23) Nitrobenzene-d5	8.94	82	1656518	81.30	ng		0.00
42) 2,4,6-Tribromophenol	15.91	330	1008312	78.56	ng		0.00
45) 2-Fluorobiphenyl	13.03	172	4645205	83.46	ng		0.00
79) Terphenyl-d14	19.79	244	5524666	86.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	208191	41.719	ng		98
3) Pyridine	3.72	79	649968	45.292	ng		98
4) n-Nitrosodimethylamine	3.63	42	232922	42.153	ng		95
6) Aniline	7.12	93	1064863	41.449	ng		99
8) 2-Chlorophenol	7.35	128	673736	41.329	ng		99
9) Benzaldehyde	6.93	77	431551	45.351	ng		98
10) Phenol	6.97	94	819941	41.609	ng		100
11) bis(2-Chloroethyl)ether	7.21	93	647894	41.527	ng		99
12) 1,3-Dichlorobenzene	7.66	146	817958	41.415	ng		99
13) 1,4-Dichlorobenzene	7.81	146	835298	41.598	ng		99
14) 1,2-Dichlorobenzene	8.13	146	810973	41.211	ng		99
15) Benzyl Alcohol	8.02	79	642650	41.148	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.31	45	843542	41.801	ng		100
17) 2-Methylphenol	8.22	107	583648	41.464	ng		100
18) Hexachloroethane	8.85	117	300675	41.705	ng		97
19) n-Nitroso-di-n-propylamine	8.59	70	582333	41.486	ng		100
20) 3+4-Methylphenols	8.55	107	794287	40.995	ng		99
22) Acetophenone	8.60	105	1107932	40.941	ng	#	100
24) Nitrobenzene	8.98	77	822630	40.755	ng		100
25) Isophorone	9.50	82	1566266	41.081	ng		100
26) 2-Nitrophenol	9.69	139	405842	41.063	ng		97
27) 2,4-Dimethylphenol	9.75	122	597750	41.466	ng		99
28) bis(2-Chloroethoxy)methane	9.99	93	979134	41.329	ng		99
29) 2,4-Dichlorophenol	10.22	162	766810	41.102	ng		98
30) 1,2,4-Trichlorobenzene	10.43	180	901821	41.006	ng		99
31) Naphthalene	10.62	128	2312832	41.154	ng		99
32) Benzoic acid	9.90	122	518987m	44.503	ng		
33) 4-Chloroaniline	10.73	127	1046861	41.034	ng		99
34) Hexachlorobutadiene	10.89	225	573164	41.276	ng		99
35) Caprolactam	11.55	113	225759	38.688	ng		96
36) 4-Chloro-3-methylphenol	11.86	107	777154	40.936	ng		99
37) 2-Methylnaphthalene	12.23	142	1769885	40.930	ng		99
38) 1-Methylnaphthalene	12.45	142	1688042	40.928	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	1073247	41.455	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	612781	40.830	ng	99
43) 2,4,6-Trichlorophenol	12.84	196	709608	41.421	ng	100
44) 2,4,5-Trichlorophenol	12.91	196	731683	41.243	ng	98
46) 1,1'-Biphenyl	13.25	154	2420439	41.345	ng	100
47) 2-Chloronaphthalene	13.29	162	1960859	41.240	ng	99
48) 2-Nitroaniline	13.50	65	533622	41.024	ng	98
49) Acenaphthylene	14.14	152	2986895	41.280	ng	100
50) Dimethylphthalate	13.88	163	2432346	39.996	ng	99
51) 2,6-Dinitrotoluene	14.00	165	529435	40.467	ng	99
52) Acenaphthene	14.48	154	1782023	40.819	ng	99
53) 3-Nitroaniline	14.34	138	520090	38.993	ng	99
54) 2,4-Dinitrophenol	14.55	184	244654	34.812	ng	97
55) Dibenzofuran	14.82	168	2908904	40.845	ng	99
56) 4-Nitrophenol	14.65	139	364409	35.729	ng	100
57) 2,4-Dinitrotoluene	14.79	165	706350	39.099	ng	97
58) Fluorene	15.47	166	2346371	40.323	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	675163	39.831	ng	100
60) Diethylphthalate	15.24	149	2389835	39.900	ng	100
61) 4-Chlorophenyl-phenylether	15.46	204	1331549	40.506	ng	100
62) 4-Nitroaniline	15.50	138	531480	37.965	ng	97
63) Azobenzene	15.76	77	1994524	40.596	ng	99
65) 4,6-Dinitro-2-methylphenol	15.56	198	342035	36.694	ng	95
66) n-Nitrosodiphenylamine	15.68	169	2021252	42.417	ng	99
67) 4-Bromophenyl-phenylether	16.36	248	852034	42.336	ng	98
68) Hexachlorobenzene	16.46	284	1007650	41.911	ng	99
69) Atrazine	16.63	200	667940	43.106	ng	99
70) Pentachlorophenol	16.81	266	512275	39.546	ng	99
71) Phenanthrene	17.21	178	3599689	41.316	ng	100
72) Anthracene	17.30	178	3572735	41.396	ng	100
73) Carbazole	17.57	167	3000112	39.315	ng	100
74) Di-n-butylphthalate	18.13	149	3670736	39.294	ng	100
75) Fluoranthene	19.22	202	3826663	38.033	ng	99
77) Benzidine	19.42	184	1107753	32.144	ng	99
78) Pyrene	19.59	202	3847726	44.704	ng	100
80) Butylbenzylphthalate	20.49	149	1418406	41.345	ng	98
81) Benzo(a)anthracene	21.33	228	3367235	41.622	ng	99
82) 3,3'-Dichlorobenzidine	21.27	252	1227068	40.045	ng	100
83) Chrysene	21.39	228	3218485	41.762	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	1974693	40.443	ng	100
85) Di-n-octyl phthalate	22.14	149	3135190	40.829	ng	100
86) Indeno(1,2,3-cd)pyrene	25.92	276	3678201	43.132	ng	100
88) Benzo(b)fluoranthene	22.94	252	3319529	41.200	ng	100
89) Benzo(k)fluoranthene	22.99	252	3063188	39.330	ng	99
90) Benzo(a)pyrene	23.53	252	2957562	40.681	ng	99
91) Dibenzo(a,h)anthracene	25.93	278	3061284	42.235	ng	99
92) Benzo(g,h,i)perylene	26.63	276	2894461	42.822	ng	100

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

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