Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052819\
Data File : BM020580.D
Acq On : 28 May 2019 14:26
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
5/29/2019 6:16:19 PM

Quant Time: May 28 15:03:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 16:07:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	55761	20.00	ng		-0.01
21) Naphthalene-d8	10.44	136	193524	20.00	ng		-0.01
39) Acenaphthene-d10	14.31	164	128738	20.00	ng		-0.01
64) Phenanthrene-d10	17.06	188	332423	20.00	ng		-0.01
76) Chrysene-d12	21.26	240	411582	20.00	ng		-0.01
87) Perylene-d12	23.50	264	459100	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	227146	79.92	ng		-0.01
7) Phenol-d6	6.83	99	316214	73.71	ng		-0.02
23) Nitrobenzene-d5	8.82	82	380052	82.43	ng		-0.02
42) 2,4,6-Tribromophenol	15.81	330	195532	75.81	ng		-0.01
45) 2-Fluorobiphenyl	12.92	172	849200	82.77	ng		-0.01
79) Terphenyl-d14	19.70	244	1810521	79.52	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	70435	47.356	ng		96
3) Pyridine	3.57	79	168349	38.467	ng		99
4) n-Nitrosodimethylamine	3.50	42	44645	42.326	ng	#	95
6) Aniline	6.99	93	220887	35.594	ng		98
8) 2-Chlorophenol	7.22	128	132991	38.264	ng		99
9) Benzaldehyde	6.81	77	103250	37.698	ng		98
10) Phenol	6.86	94	170788	36.867	ng		98
11) bis(2-Chloroethyl)ether	7.09	93	124529	36.021	ng		98
12) 1,3-Dichlorobenzene	7.53	146	178296	40.057	ng		98
13) 1,4-Dichlorobenzene	7.69	146	171832	38.622	ng		96
14) 1,2-Dichlorobenzene	8.00	146	177587	39.815	ng		99
15) Benzyl Alcohol	7.90	79	125807	31.691	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	89515	37.151	ng		97
17) 2-Methylphenol	8.10	107	104134	34.049	ng		97
18) Hexachloroethane	8.71	117	77172	42.820	ng		98
19) n-Nitroso-di-n-propylamine	8.46	70	127826	33.556	ng		98
20) 3+4-Methylphenols	8.43	107	134169	32.712	ng		98
22) Acetophenone	8.49	105	203980	38.277	ng	#	98
24) Nitrobenzene	8.87	77	181739	39.912	ng		96
25) Isophorone	9.38	82	331662	38.659	ng		99
26) 2-Nitrophenol	9.57	139	59253	35.267	ng		98
27) 2,4-Dimethylphenol	9.63	122	91530	36.570	ng		98
28) bis(2-Chloroethoxy)methane	9.87	93	165182	36.987	ng		100
29) 2,4-Dichlorophenol	10.10	162	125133	37.591	ng		96
30) 1,2,4-Trichlorobenzene	10.30	180	194145	42.655	ng		99
31) Naphthalene	10.49	128	400244	40.055	ng		99
32) Benzoic acid	9.77	122	30200	24.355	ng		92
33) 4-Chloroaniline	10.63	127	129272	32.413	ng		99
34) Hexachlorobutadiene	10.75	225	156778	46.329	ng		97
35) Caprolactam	11.43	113	35884m	32.754	ng		
36) 4-Chloro-3-methylphenol	11.75	107	120346	33.222	ng		98
37) 2-Methylnaphthalene	12.11	142	281306	36.850	ng		98
38) 1-Methylnaphthalene	12.33	142	273802	37.018	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	234229	43.281	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	106415	44.260	ng		100
43) 2,4,6-Trichlorophenol	12.73	196	129927	38.795	ng		97
44) 2,4,5-Trichlorophenol	12.81	196	112823	36.075	ng		99
46) 1,1'-Biphenyl	13.14	154	397058	40.046	ng		99
47) 2-Chloronaphthalene	13.18	162	341974	40.687	ng		98
48) 2-Nitroaniline	13.42	65	83806	33.650	ng		95
49) Acenaphthylene	14.03	152	495863	38.794	ng		100
50) Dimethylphthalate	13.77	163	435393	38.182	ng		100
51) 2,6-Dinitrotoluene	13.91	165	90361	38.021	ng		96
52) Acenaphthene	14.37	154	303739	39.433	ng		98
53) 3-Nitroaniline	14.26	138	61730	31.340	ng		97
54) 2,4-Dinitrophenol	14.47	184	41649	34.158	ng		95
55) Dibenzofuran	14.72	168	518593	38.907	ng		99
56) 4-Nitrophenol	14.57	139	45471	34.667	ng		97
57) 2,4-Dinitrotoluene	14.71	165	121023	35.263	ng	#	85
58) Fluorene	15.36	166	420692	37.995	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.95	232	139638	38.371	ng		98
60) Diethylphthalate	15.14	149	432624	38.507	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	272987	38.619	ng		98
62) 4-Nitroaniline	15.43	138	64832m	32.452	ng		
63) Azobenzene	15.65	77	428197	39.168	ng		98
65) 4,6-Dinitro-2-methylphenol	15.47	198	71721	35.898	ng		94
66) n-Nitrosodiphenylamine	15.58	169	359040	39.833	ng		99
67) 4-Bromophenyl-phenylether	16.26	248	180378	40.732	ng		97
68) Hexachlorobenzene	16.36	284	225756	42.046	ng		99
69) Atrazine	16.53	200	149434	40.295	ng		96
70) Pentachlorophenol	16.72	266	111186	40.090	ng		99
71) Phenanthrene	17.11	178	715321	39.610	ng		100
72) Anthracene	17.20	178	653446	37.312	ng		100
73) Carbazole	17.49	167	545383	36.287	ng		99
74) Di-n-butylphthalate	18.03	149	737027	39.864	ng		99
75) Fluoranthene	19.13	202	977453	38.922	ng		100
77) Benzidine	19.34	184	274775m	36.327	ng		
78) Pyrene	19.50	202	1019870	39.470	ng		99
80) Butylbenzylphthalate	20.40	149	354618	39.059	ng		99
81) Benzo(a)anthracene	21.24	228	1093695	38.394	ng		99
82) 3,3'-Dichlorobenzidine	21.19	252	388803	37.395	ng		99
83) Chrysene	21.30	228	1087100	39.494	ng		99
84) Bis(2-ethylhexyl)phthalate	21.16	149	535625	40.479	ng		99
85) Di-n-octyl phthalate	22.04	149	932123	40.520	ng		100
86) Indeno(1,2,3-cd)pyrene	25.77	276	1417884	42.603	ng		100
88) Benzo(b)fluoranthene	22.83	252	1186543	39.487	ng		99
89) Benzo(k)fluoranthene	22.87	252	1136658	38.975	ng		99
90) Benzo(a)pyrene	23.40	252	1097081	39.675	ng		100
91) Dibenzo(a,h)anthracene	25.78	278	1184802	41.859	ng		99
92) Benzo(g,h,i)perylene	26.46	276	1130666	43.092	ng		99

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

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