Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
Data File : BM020120.D
Acq On : 03 May 2019 20:05
Operator : JU/SJ
Sample : K2584-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7MS

Manual Integrations APPROVED
mohammad
5/7/2019 11:59:12 PM

Quant Time: May 04 06:44:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	125263	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	450370	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	272085	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	639973	20.00	ng	0.00
76) Chrysene-d12	21.36	240	696312	20.00	ng	0.00
87) Perylene-d12	23.64	264	796970	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1024982	133.75	ng	0.00
7) Phenol-d6	6.95	99	1475993	140.99	ng	0.00
23) Nitrobenzene-d5	8.95	82	1058531	92.79	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	600602	142.21	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1840244	83.22	ng	-0.01
79) Terphenyl-d14	19.80	244	3623435	90.76	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	111227	29.594	ng	96
3) Pyridine	3.70	79	314831	32.753	ng	97
4) n-Nitrosodimethylamine	3.62	42	119441	38.750	ng	87
6) Aniline	7.12	93	363977	27.619	ng	100
8) 2-Chlorophenol	7.35	128	345357	41.389	ng	98
9) Benzaldehyde	6.94	77	87661	11.063	ng	99
10) Phenol	6.97	94	495334	43.950	ng	96
11) bis(2-Chloroethyl)ether	7.22	93	341226	41.656	ng	97
12) 1,3-Dichlorobenzene	7.67	146	368485	37.956	ng	97
13) 1,4-Dichlorobenzene	7.82	146	379386	38.684	ng	97
14) 1,2-Dichlorobenzene	8.13	146	365729	39.142	ng	98
15) Benzyl Alcohol	8.03	79	418162	41.423	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.31	45	265202	39.044	ng	99
17) 2-Methylphenol	8.22	107	310418	42.786	ng	98
18) Hexachloroethane	8.86	117	155907	38.126	ng	97
19) n-Nitroso-di-n-propylamine	8.59	70	348450	38.903	ng	97
20) 3+4-Methylphenols	8.55	107	410502	42.573	ng	96
22) Acetophenone	8.61	105	572388	46.503	ng	97
24) Nitrobenzene	8.99	77	512516	43.332	ng	98
25) Isophorone	9.51	82	823400	41.856	ng	98
26) 2-Nitrophenol	9.70	139	178211	49.908	ng	96
27) 2,4-Dimethylphenol	9.75	122	299383	50.360	ng	99
28) bis(2-Chloroethoxy)methane	10.00	93	458468	42.791	ng	99
29) 2,4-Dichlorophenol	10.22	162	358475	47.821	ng	97
30) 1,2,4-Trichlorobenzene	10.44	180	425061	46.083	ng	97
31) Naphthalene	10.63	128	1045803	44.747	ng	99
32) Benzoic acid	9.85	122	113615	29.772	ng	91
33) 4-Chloroaniline	10.75	127	132625	13.787	ng	97
34) Hexachlorobutadiene	10.90	225	284844	43.655	ng	98
35) Caprolactam	11.53	113	101751m	45.395	ng	
36) 4-Chloro-3-methylphenol	11.86	107	347898	39.493	ng	97
37) 2-Methylnaphthalene	12.24	142	762015	44.723	ng	98
38) 1-Methylnaphthalene	12.46	142	712399	42.758	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	501325	47.095	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	509548	81.296	ng		98
43) 2,4,6-Trichlorophenol	12.85	196	286574	47.369	ng		98
44) 2,4,5-Trichlorophenol	12.92	196	301147	44.558	ng		94
46) 1,1'-Biphenyl	13.26	154	947041	42.288	ng		97
47) 2-Chloronaphthalene	13.30	162	767209	42.907	ng		100
48) 2-Nitroaniline	13.52	65	257075	40.384	ng		94
49) Acenaphthylene	14.15	152	1092903	38.192	ng		99
50) Dimethylphthalate	13.89	163	1081382	46.762	ng		99
51) 2,6-Dinitrotoluene	14.02	165	191992	39.418	ng		93
52) Acenaphthene	14.49	154	653131	39.800	ng		99
53) 3-Nitroaniline	14.34	138	126028	27.879	ng		95
54) 2,4-Dinitrophenol	14.54	184	220781	89.384	ng		95
55) Dibenzofuran	14.83	168	1094202	39.530	ng		99
56) 4-Nitrophenol	14.64	139	364444	94.490	ng		92
57) 2,4-Dinitrotoluene	14.80	165	288359	43.570	ng		95
58) Fluorene	15.48	166	892270	39.250	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	292051	45.472	ng		98
60) Diethylphthalate	15.25	149	980768	42.096	ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	517581	40.183	ng		97
62) 4-Nitroaniline	15.51	138	206487	41.390	ng		97
63) Azobenzene	15.77	77	1042544	37.931	ng		99
65) 4,6-Dinitro-2-methylphenol	15.56	198	148888	46.391	ng		96
66) n-Nitrosodiphenylamine	15.69	169	810211	43.024	ng		97
67) 4-Bromophenyl-phenylether	16.37	248	334192	42.585	ng		96
68) Hexachlorobenzene	16.47	284	384384	42.564	ng		98
69) Atrazine	16.64	200	302132	41.055	ng		98
70) Pentachlorophenol	16.82	266	526571	101.910	ng		98
71) Phenanthrene	17.22	178	1567019	44.358	ng		99
72) Anthracene	17.31	178	1575081	44.594	ng		99
73) Carbazole	17.58	167	1464792	45.961	ng		99
74) Di-n-butylphthalate	18.14	149	1833399	47.802	ng		99
75) Fluoranthene	19.23	202	2226582	49.814	ng		100
77) Benzidine	19.43	184	582797	26.180	ng		100
78) Pyrene	19.60	202	2286387	48.907	ng		100
80) Butylbenzylphthalate	20.50	149	898532	52.853	ng		98
81) Benzo(a)anthracene	21.34	228	2418516	49.527	ng		100
82) 3,3'-Dichlorobenzidine	21.28	252	729778	39.156	ng		98
83) Chrysene	21.40	228	2376111	50.172	ng		99
84) Bis(2-ethylhexyl)phthalate	21.27	149	1381229	52.358	ng		99
85) Di-n-octyl phthalate	22.16	149	2426814	55.349	ng		98
86) Indeno(1,2,3-cd)pyrene	25.97	276	3095336	54.948	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	2753786	52.326	ng		99
89) Benzo(k)fluoranthene	23.00	252	2476928	51.596	ng		99
90) Benzo(a)pyrene	23.55	252	2575200	53.871	ng		99
91) Dibenzo(a,h)anthracene	25.99	278	2624823	52.800	ng		99
92) Benzo(g,h,i)perylene	26.69	276	2553583	54.104	ng		99

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

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