Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082919\
Data File : BM022404.D
Acq On : 29 Aug 2019 12:27
Operator : HP/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Jagrut
8/30/2019 10:29:34 AM

Quant Time: Aug 29 14:34:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 14:11:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	17095	20.00	ng		0.00
21) Naphthalene-d8	10.30	136	71225	20.00	ng		0.00
39) Acenaphthene-d10	14.19	164	50495	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	111824	20.00	ng		0.00
76) Chrysene-d12	21.17	240	115471	20.00	ng		0.00
87) Perylene-d12	23.37	264	117456	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	39309	40.98	ng		0.00
7) Phenol-d6	6.73	99	49545	38.78	ng		0.00
23) Nitrobenzene-d5	8.70	82	64566	44.09	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	32126	39.31	ng		0.00
45) 2-Fluorobiphenyl	12.79	172	159576	39.47	ng		0.00
79) Terphenyl-d14	19.60	244	294437	37.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	9908	24.650	ng		96
3) Pyridine	3.55	79	21386	21.002	ng		96
4) n-Nitrosodimethylamine	3.47	42	14358	23.536	ng	#	95
6) Aniline	6.88	93	32727	19.134	ng		97
8) 2-Chlorophenol	7.10	128	21884	19.159	ng		95
9) Benzaldehyde	6.71	77	19265	23.797	ng		96
10) Phenol	6.75	94	25153	18.598	ng		94
11) bis(2-Chloroethyl)ether	6.98	93	19752	18.462	ng		98
12) 1,3-Dichlorobenzene	7.42	146	27212	19.546	ng		97
13) 1,4-Dichlorobenzene	7.56	146	27640	19.556	ng		96
14) 1,2-Dichlorobenzene	7.87	146	26850	19.505	ng		93
15) Benzyl Alcohol	7.80	79	23580	20.997	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.06	45	25473	17.184	ng		100
17) 2-Methylphenol	7.99	107	18184	18.850	ng		98
18) Hexachloroethane	8.57	117	12584	20.508	ng		94
19) n-Nitroso-di-n-propylamine	8.35	70	19282	19.162	ng		99
20) 3+4-Methylphenols	8.32	107	24539	18.836	ng		98
22) Acetophenone	8.37	105	38301	20.962	ng	#	96
24) Nitrobenzene	8.75	77	30844	20.572	ng		92
25) Isophorone	9.26	82	50433	19.406	ng		98
26) 2-Nitrophenol	9.45	139	11560	18.202	ng		93
27) 2,4-Dimethylphenol	9.50	122	18592	19.421	ng		95
28) bis(2-Chloroethoxy)methane	9.75	93	29761	19.357	ng		95
29) 2,4-Dichlorophenol	9.98	162	23836	20.634	ng		92
30) 1,2,4-Trichlorobenzene	10.17	180	30579	21.490	ng		97
31) Naphthalene	10.35	128	73552	19.883	ng		98
32) Benzoic acid	9.67	122	13183	16.132	ng	#	87
33) 4-Chloroaniline	10.50	127	30655	19.801	ng		95
34) Hexachlorobutadiene	10.60	225	30598	25.061	ng		97
35) Caprolactam	11.33	113	5499m	17.709	ng		
36) 4-Chloro-3-methylphenol	11.63	107	25035	20.503	ng		90
37) 2-Methylnaphthalene	11.97	142	54966	20.329	ng		97
38) 1-Methylnaphthalene	12.20	142	53116	20.566	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.35	216	46582	23.567	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.30	237	9936	10.801	ng		92
43) 2,4,6-Trichlorophenol	12.62	196	24097	20.338	ng		97
44) 2,4,5-Trichlorophenol	12.70	196	24797	20.618	ng		99
46) 1,1'-Biphenyl	13.01	154	78851	19.856	ng		97
47) 2-Chloronaphthalene	13.05	162	62465	19.113	ng		99
48) 2-Nitroaniline	13.30	65	19652	19.024	ng		97
49) Acenaphthylene	13.91	152	92867	18.525	ng		99
50) Dimethylphthalate	13.67	163	82722	19.485	ng		97
51) 2,6-Dinitrotoluene	13.80	165	16772	20.005	ng		97
52) Acenaphthene	14.25	154	56188	19.220	ng		99
53) 3-Nitroaniline	14.15	138	14681	17.584	ng		89
54) 2,4-Dinitrophenol	14.40	184	6377	15.388	ng		98
55) Dibenzofuran	14.59	168	92889	19.122	ng		100
56) 4-Nitrophenol	14.50	139	7370	13.244	ng		99
57) 2,4-Dinitrotoluene	14.62	165	21629	17.970	ng	#	96
58) Fluorene	15.25	166	75388	18.409	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.84	232	27619	23.033	ng	#	99
60) Diethylphthalate	15.03	149	84165	18.800	ng		99
61) 4-Chlorophenyl-phenylether	15.24	204	52893	20.494	ng		96
62) 4-Nitroaniline	15.33	138	12902	16.696	ng		97
63) Azobenzene	15.54	77	88798	20.584	ng		98
65) 4,6-Dinitro-2-methylphenol	15.39	198	10824	16.122	ng		97
66) n-Nitrosodiphenylamine	15.47	169	63269	17.645	ng		98
67) 4-Bromophenyl-phenylether	16.14	248	32696	19.731	ng		93
68) Hexachlorobenzene	16.25	284	36702	19.496	ng		99
69) Atrazine	16.44	200	27657	23.293	ng		96
70) Pentachlorophenol	16.62	266	14957	16.330	ng		97
71) Phenanthrene	17.00	178	120220	18.539	ng		98
72) Anthracene	17.09	178	117176	18.203	ng		98
73) Carbazole	17.39	167	95165	17.717	ng		99
74) Di-n-butylphthalate	17.93	149	126032	15.464	ng		98
75) Fluoranthene	19.03	202	150846	19.290	ng		99
77) Benzidine	19.25	184	42043	16.233	ng		98
78) Pyrene	19.40	202	157222	19.344	ng		99
80) Butylbenzylphthalate	20.31	149	51918	14.281	ng		99
81) Benzo(a)anthracene	21.16	228	159448	19.635	ng		100
82) 3,3'-Dichlorobenzidine	21.11	252	51036	18.025	ng		98
83) Chrysene	21.22	228	155355	19.818	ng		99
84) Bis(2-ethylhexyl)phthalate	21.07	149	68555	12.539	ng		99
85) Di-n-octyl phthalate	21.94	149	112293	12.690	ng		100
86) Indeno(1,2,3-cd)pyrene	25.55	276	162557	18.512	ng		99
88) Benzo(b)fluoranthene	22.71	252	149028	19.002	ng		100
89) Benzo(k)fluoranthene	22.76	252	151368m	19.744	ng		
90) Benzo(a)pyrene	23.27	252	136891	19.166	ng	#	98
91) Dibenzo(a,h)anthracene	25.55	278	131639	17.346	ng		99
92) Benzo(g,h,i)perylene	26.22	276	126602	19.081	ng		98

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

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