Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082919\
Data File : BM022406.D
Acq On : 29 Aug 2019 13:40
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Jagrut
8/30/2019 10:29:40 AM

Quant Time: Aug 29 14:37:01 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	7.52	152	21571	20.00	ng		0.00
21) Naphthalene-d8	10.30	136	94175	20.00	ng		0.00
39) Acenaphthene-d10	14.19	164	68626	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	166393	20.00	ng		0.00
76) Chrysene-d12	21.17	240	219871	20.00	ng		0.00
87) Perylene-d12	23.36	264	179663	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	116822	96.51	ng		0.00
7) Phenol-d6	6.73	99	161671	100.29	ng		0.00
23) Nitrobenzene-d5	8.70	82	208093	107.47	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	143206	128.93	ng		0.00
45) 2-Fluorobiphenyl	12.79	172	581788	105.89	ng		0.00
79) Terphenyl-d14	19.60	244	1612611	106.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	26044	51.350	ng		98
3) Pyridine	3.53	79	66603	51.835	ng		97
4) n-Nitrosodimethylamine	3.46	42	46818	60.819	ng	#	96
6) Aniline	6.88	93	103136	47.787	ng		99
8) 2-Chlorophenol	7.10	128	67728	46.991	ng		99
9) Benzaldehyde	6.70	77	47819	46.811	ng		96
10) Phenol	6.75	94	80392	47.106	ng		98
11) bis(2-Chloroethyl)ether	6.98	93	58869	43.606	ng		99
12) 1,3-Dichlorobenzene	7.41	146	81456	46.368	ng		99
13) 1,4-Dichlorobenzene	7.56	146	83406	46.766	ng		99
14) 1,2-Dichlorobenzene	7.87	146	82757	47.644	ng		98
15) Benzyl Alcohol	7.79	79	78443	55.357	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.05	45	76803	41.060	ng		98
17) 2-Methylphenol	7.98	107	58116	47.744	ng		98
18) Hexachloroethane	8.57	117	38292	49.454	ng		96
19) n-Nitroso-di-n-propylamine	8.35	70	63350	49.891	ng		98
20) 3+4-Methylphenols	8.32	107	80787	49.143	ng		96
22) Acetophenone	8.36	105	125145	51.800	ng	#	100
24) Nitrobenzene	8.75	77	99742	50.313	ng		99
25) Isophorone	9.26	82	165818	48.255	ng		98
26) 2-Nitrophenol	9.44	139	42253	50.317	ng		99
27) 2,4-Dimethylphenol	9.50	122	60846	48.071	ng		93
28) bis(2-Chloroethoxy)methane	9.74	93	94512	46.491	ng		97
29) 2,4-Dichlorophenol	9.97	162	78954	51.692	ng		92
30) 1,2,4-Trichlorobenzene	10.16	180	98690	52.455	ng		99
31) Naphthalene	10.35	128	234196	47.881	ng		100
32) Benzoic acid	9.73	122	47734	44.178	ng		96
33) 4-Chloroaniline	10.49	127	103916	50.766	ng		98
34) Hexachlorobutadiene	10.60	225	96227	59.608	ng		97
35) Caprolactam	11.34	113	22661m	55.193	ng		
36) 4-Chloro-3-methylphenol	11.63	107	85652	53.052	ng		98
37) 2-Methylnaphthalene	11.97	142	179815	50.296	ng		98
38) 1-Methylnaphthalene	12.20	142	174098	50.982	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.35	216	153863	57.278	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.30	237	52413	41.924 ng	96
43) 2,4,6-Trichlorophenol	12.61	196	85522	53.110 ng	99
44) 2,4,5-Trichlorophenol	12.69	196	84850	51.911 ng	98
46) 1,1'-Biphenyl	13.01	154	267769	49.614 ng	99
47) 2-Chloronaphthalene	13.05	162	214095	48.201 ng	100
48) 2-Nitroaniline	13.30	65	73005	51.999 ng	99
49) Acenaphthylene	13.91	152	326778	47.964 ng	99
50) Dimethylphthalate	13.67	163	296782	51.438 ng	99
51) 2,6-Dinitrotoluene	13.81	165	57292	50.282 ng	92
52) Acenaphthene	14.25	154	194923	49.061 ng	99
53) 3-Nitroaniline	14.15	138	57429	50.611 ng	96
54) 2,4-Dinitrophenol	14.38	184	31858	56.563 ng	96
55) Dibenzofuran	14.59	168	330530	50.065 ng	99
56) 4-Nitrophenol	14.47	139	36903	48.797 ng	99
57) 2,4-Dinitrotoluene	14.62	165	86690	52.997 ng	90
58) Fluorene	15.25	166	297068	53.375 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.83	232	97303	59.708 ng	99
60) Diethylphthalate	15.04	149	314381	51.671 ng	99
61) 4-Chlorophenyl-phenylether	15.25	204	206468	58.862 ng	100
62) 4-Nitroaniline	15.33	138	57283	54.543 ng	95
63) Azobenzene	15.55	77	305713	52.143 ng	98
65) 4,6-Dinitro-2-methylphenol	15.39	198	52065	52.115 ng	97
66) n-Nitrosodiphenylamine	15.47	169	238103	44.628 ng	98
67) 4-Bromophenyl-phenylether	16.15	248	125672	50.968 ng	97
68) Hexachlorobenzene	16.25	284	140758	50.248 ng	93
69) Atrazine	16.45	200	108484	61.403 ng	99
70) Pentachlorophenol	16.61	266	66454	48.760 ng	94
71) Phenanthrene	17.00	178	468919	48.596 ng	99
72) Anthracene	17.09	178	462452	48.280 ng	99
73) Carbazole	17.38	167	393334	49.212 ng	99
74) Di-n-butylphthalate	17.93	149	548457	45.226 ng	99
75) Fluoranthene	19.03	202	664169	57.078 ng	99
77) Benzidine	19.25	184	189491	38.424 ng	99
78) Pyrene	19.40	202	685103	44.268 ng	99
80) Butylbenzylphthalate	20.31	149	262388	37.906 ng	92
81) Benzo(a)anthracene	21.16	228	779335	50.401 ng	99
82) 3,3'-Dichlorobenzidine	21.10	252	246558	45.733 ng	100
83) Chrysene	21.22	228	727426	48.733 ng	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	373527	35.881 ng	99
85) Di-n-octyl phthalate	21.94	149	588312	34.915 ng	99
86) Indeno(1,2,3-cd)pyrene	25.54	276	568097	33.977 ng	99
88) Benzo(b)fluoranthene	22.71	252	651875	54.339 ng	98
89) Benzo(k)fluoranthene	22.75	252	615960	52.527 ng	99
90) Benzo(a)pyrene	23.27	252	543100	49.711 ng	97
91) Dibenzo(a,h)anthracene	25.55	278	463068	39.890 ng	98
92) Benzo(g,h,i)perylene	26.22	276	403756	39.783 ng	98

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

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