Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052419\
Data File : BM020546.D
Acq On : 24 May 2019 13:23
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
mohammad
5/27/2019 3:59:51 AM

Quant Time: May 24 15:43:03 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 15:10:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	59938	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	245462	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	180353	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	480819	20.00	ng		0.00
76) Chrysene-d12	21.27	240	573295	20.00	ng		0.00
87) Perylene-d12	23.52	264	630006	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	310031	84.55	ng		0.00
7) Phenol-d6	6.85	99	472613	94.34	ng		0.00
23) Nitrobenzene-d5	8.84	82	592524	95.30	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	354266	126.55	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	1420009	96.87	ng		0.00
79) Terphenyl-d14	19.71	244	3229615	98.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	76438	42.503	ng		99
3) Pyridine	3.58	79	250834	54.535	ng		100
4) n-Nitrosodimethylamine	3.50	42	61463	41.673	ng	#	98
6) Aniline	7.00	93	342737	54.351	ng		97
8) 2-Chlorophenol	7.23	128	186550	46.723	ng		99
9) Benzaldehyde	6.82	77	139990	36.922	ng		99
10) Phenol	6.87	94	254769	47.242	ng		99
11) bis(2-Chloroethyl)ether	7.10	93	193133	49.274	ng		98
12) 1,3-Dichlorobenzene	7.55	146	237834	51.198	ng		98
13) 1,4-Dichlorobenzene	7.70	146	240502	51.250	ng		98
14) 1,2-Dichlorobenzene	8.01	146	238729	53.396	ng		98
15) Benzyl Alcohol	7.92	79	221036	45.759	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	127816	39.326	ng		96
17) 2-Methylphenol	8.12	107	168704	48.596	ng		97
18) Hexachloroethane	8.72	117	96632	49.385	ng		96
19) n-Nitroso-di-n-propylamine	8.47	70	209243	48.822	ng		99
20) 3+4-Methylphenols	8.45	107	222950	48.322	ng		97
22) Acetophenone	8.50	105	342778	51.096	ng		98
24) Nitrobenzene	8.88	77	294573	45.696	ng		98
25) Isophorone	9.40	82	546608	50.981	ng		99
26) 2-Nitrophenol	9.58	139	110102	56.574	ng		96
27) 2,4-Dimethylphenol	9.64	122	161610	49.879	ng		98
28) bis(2-Chloroethoxy)methane	9.88	93	292191	50.037	ng		98
29) 2,4-Dichlorophenol	10.11	162	213317	52.212	ng		99
30) 1,2,4-Trichlorobenzene	10.32	180	289700	57.627	ng		97
31) Naphthalene	10.50	128	635687	49.905	ng		99
32) Benzoic acid	9.83	122	100654	46.889	ng		91
33) 4-Chloroaniline	10.63	127	260350	49.659	ng		98
34) Hexachlorobutadiene	10.76	225	214301	60.260	ng		100
35) Caprolactam	11.46	113	71174m	58.260	ng		
36) 4-Chloro-3-methylphenol	11.77	107	230746	48.060	ng		99
37) 2-Methylnaphthalene	12.12	142	482466	51.954	ng		98
38) 1-Methylnaphthalene	12.35	142	466500	51.372	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	376826	53.404	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	167416	40.296 ng	98
43) 2,4,6-Trichlorophenol	12.75	196	236122	58.881 ng	99
44) 2,4,5-Trichlorophenol	12.83	196	222757	49.723 ng	99
46) 1,1'-Biphenyl	13.15	154	687706	46.326 ng	99
47) 2-Chloronaphthalene	13.19	162	581562	49.067 ng	98
48) 2-Nitroaniline	13.43	65	180434	42.761 ng	98
49) Acenaphthylene	14.05	152	883975	46.602 ng	99
50) Dimethylphthalate	13.79	163	782212	51.030 ng	100
51) 2,6-Dinitrotoluene	13.92	165	169492	52.498 ng	98
52) Acenaphthene	14.39	154	526278	48.382 ng	99
53) 3-Nitroaniline	14.26	138	141767	47.311 ng	99
54) 2,4-Dinitrophenol	14.47	184	90386	66.194 ng	99
55) Dibenzofuran	14.72	168	913320	49.778 ng	100
56) 4-Nitrophenol	14.59	139	95131	37.210 ng	97
57) 2,4-Dinitrotoluene	14.72	165	238434	54.350 ng	99
58) Fluorene	15.37	166	763817	50.689 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	252337	59.272 ng	99
60) Diethylphthalate	15.15	149	766687	49.645 ng	100
61) 4-Chlorophenyl-phenylether	15.37	204	487190	57.062 ng	100
62) 4-Nitroaniline	15.43	138	138041	41.744 ng	97
63) Azobenzene	15.66	77	749059	41.114 ng	99
65) 4,6-Dinitro-2-methylphenol	15.48	198	149649	66.325 ng	98
66) n-Nitrosodiphenylamine	15.59	169	658857	46.568 ng	99
67) 4-Bromophenyl-phenylether	16.27	248	322780	54.745 ng	98
68) Hexachlorobenzene	16.37	284	390446	57.546 ng	99
69) Atrazine	16.55	200	274855	49.710 ng	99
70) Pentachlorophenol	16.73	266	207806	53.530 ng	99
71) Phenanthrene	17.12	178	1309447	49.336 ng	100
72) Anthracene	17.21	178	1269632	47.844 ng	99
73) Carbazole	17.49	167	1090007	45.522 ng	99
74) Di-n-butylphthalate	18.03	149	1340971	46.535 ng	99
75) Fluoranthene	19.14	202	1798097	53.544 ng	100
77) Benzidine	19.34	184	560265	30.568 ng	99
78) Pyrene	19.50	202	1832237	47.602 ng	100
80) Butylbenzylphthalate	20.40	149	647258	46.242 ng	98
81) Benzo(a)anthracene	21.26	228	1998781	49.715 ng	99
82) 3,3'-Dichlorobenzidine	21.20	252	737928	48.089 ng	99
83) Chrysene	21.31	228	1894477	48.586 ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	933659	42.987 ng	99
85) Di-n-octyl phthalate	22.05	149	1608583	44.560 ng	100
86) Indeno(1,2,3-cd)pyrene	25.80	276	2290129	49.378 ng	100
88) Benzo(b)fluoranthene	22.84	252	2090261	50.244 ng	99
89) Benzo(k)fluoranthene	22.89	252	1987252	52.366 ng	99
90) Benzo(a)pyrene	23.42	252	1897024	50.201 ng	100
91) Dibenzo(a,h)anthracene	25.80	278	1925187	48.989 ng	99
92) Benzo(g,h,i)perylene	26.49	276	1795525	48.125 ng	99

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

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