Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013019\
Data File : BM018698.D
Acq On : 30 Jan 2019 17:13
Operator : JU/SJ
Sample : K1282-29MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-8-ABMS

Manual Integrations APPROVED
mohammad
2/1/2019 12:05:08 AM

Quant Time: Jan 30 18:02:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 22:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	289656	20.00	ng		-0.02
21) Naphthalene-d8	10.51	136	1076618	20.00	ng		-0.02
39) Acenaphthene-d10	14.37	164	524878	20.00	ng		-0.01
64) Phenanthrene-d10	17.12	188	1008870	20.00	ng		-0.02
76) Chrysene-d12	21.32	240	993173	20.00	ng		-0.02
87) Perylene-d12	23.58	264	1152849	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	2458588	156.73	ng		-0.01
7) Phenol-d6	6.90	99	3038895	152.52	ng		0.00
23) Nitrobenzene-d5	8.89	82	1836156	98.87	ng		-0.01
42) 2,4,6-Tribromophenol	15.87	330	971612	145.38	ng		-0.02
45) 2-Fluorobiphenyl	12.99	172	3952874	98.27	ng		-0.02
79) Terphenyl-d14	19.76	244	4282113	90.89	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	211458	33.074	ng		98
3) Pyridine	3.66	79	535457	33.592	ng		98
4) n-Nitrosodimethylamine	3.58	42	306633	46.520	ng	#	91
6) Aniline	7.06	93	779738	35.083	ng		99
8) 2-Chlorophenol	7.29	128	788622	43.045	ng		94
9) Benzaldehyde	6.88	77	501658	45.554	ng		98
10) Phenol	6.93	94	931027	45.985	ng		99
11) bis(2-Chloroethyl)ether	7.16	93	643243	40.434	ng		96
12) 1,3-Dichlorobenzene	7.61	146	854517	39.165	ng		100
13) 1,4-Dichlorobenzene	7.76	146	873860	39.516	ng		99
14) 1,2-Dichlorobenzene	8.07	146	833571	39.752	ng		100
15) Benzyl Alcohol	7.97	79	610849	42.448	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	836549	41.148	ng		96
17) 2-Methylphenol	8.17	107	585883	42.631	ng		99
18) Hexachloroethane	8.79	117	303081	38.438	ng		96
19) n-Nitroso-di-n-propylamine	8.53	70	493673	38.074	ng		94
20) 3+4-Methylphenols	8.49	107	790541	41.669	ng		99
22) Acetophenone	8.55	105	1035476	38.880	ng	#	98
24) Nitrobenzene	8.93	77	756576	41.403	ng		96
25) Isophorone	9.45	82	1285746	45.719	ng		100
26) 2-Nitrophenol	9.63	139	409706	46.369	ng		98
27) 2,4-Dimethylphenol	9.69	122	639400	48.279	ng		99
28) bis(2-Chloroethoxy)methane	9.93	93	828952	42.669	ng		99
29) 2,4-Dichlorophenol	10.16	162	691751	43.864	ng		98
30) 1,2,4-Trichlorobenzene	10.37	180	788055	40.260	ng		99
31) Naphthalene	10.56	128	2273327	43.844	ng		100
32) Benzoic acid	9.83	122	358822m	41.291	ng		
33) 4-Chloroaniline	10.69	127	291902	14.295	ng		98
34) Hexachlorobutadiene	10.83	225	476771	38.555	ng		99
35) Caprolactam	11.50	113	172051m	32.089	ng		
36) 4-Chloro-3-methylphenol	11.81	107	659712	39.874	ng		99
37) 2-Methylnaphthalene	12.18	142	1588921	43.373	ng		100
38) 1-Methylnaphthalene	12.40	142	1481349	41.791	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	818336	44.584	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	946668	93.975	ng		100
43) 2,4,6-Trichlorophenol	12.80	196	525642	47.159	ng		98
44) 2,4,5-Trichlorophenol	12.87	196	546892	46.653	ng		98
46) 1,1'-Biphenyl	13.20	154	1956823	42.698	ng		99
47) 2-Chloronaphthalene	13.25	162	1507034	42.405	ng		100
48) 2-Nitroaniline	13.46	65	363303	41.551	ng		93
49) Acenaphthylene	14.09	152	2316843	44.734	ng		99
50) Dimethylphthalate	13.84	163	1996603	46.318	ng		99
51) 2,6-Dinitrotoluene	13.96	165	384198	42.076	ng		94
52) Acenaphthene	14.44	154	1338093	42.225	ng		97
53) 3-Nitroaniline	14.30	138	217826	23.662	ng		95
54) 2,4-Dinitrophenol	14.50	184	321284	66.347	ng	#	88
55) Dibenzofuran	14.77	168	2106496	40.231	ng		100
56) 4-Nitrophenol	14.61	139	629476	79.153	ng		95
57) 2,4-Dinitrotoluene	14.75	165	503416	38.966	ng		99
58) Fluorene	15.42	166	1650640	42.319	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	460741	44.342	ng		97
60) Diethylphthalate	15.20	149	1699405	39.051	ng		99
61) 4-Chlorophenyl-phenylether	15.42	204	845641	37.617	ng		99
62) 4-Nitroaniline	15.46	138	327607	32.627	ng		96
63) Azobenzene	15.72	77	1388033	39.122	ng		96
65) 4,6-Dinitro-2-methylphenol	15.51	198	231686	37.374	ng		90
66) n-Nitrosodiphenylamine	15.64	169	1405438	44.910	ng		99
67) 4-Bromophenyl-phenylether	16.32	248	488034	43.228	ng		98
68) Hexachlorobenzene	16.42	284	531220	42.031	ng		97
69) Atrazine	16.59	200	462559	40.885	ng		98
70) Pentachlorophenol	16.77	266	639929	77.310	ng		97
71) Phenanthrene	17.17	178	2390157	44.541	ng		100
72) Anthracene	17.26	178	2420235	46.902	ng		99
73) Carbazole	17.53	167	2146325	40.485	ng		99
74) Di-n-butylphthalate	18.09	149	2598506	44.747	ng		99
75) Fluoranthene	19.19	202	2604729	42.102	ng		98
77) Benzidine	19.39	184	1151111	46.940	ng		100
78) Pyrene	19.55	202	2649927	45.013	ng		99
80) Butylbenzylphthalate	20.46	149	1106179	44.035	ng		95
81) Benzo(a)anthracene	21.30	228	2639715	45.116	ng		100
82) 3,3'-Dichlorobenzidine	21.24	252	925490	41.830	ng		99
83) Chrysene	21.36	228	2512159	44.463	ng		99
84) Bis(2-ethylhexyl)phthalate	21.22	149	1566213	43.177	ng		100
85) Di-n-octyl phthalate	22.11	149	2790460	45.738	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.88	276	3623527	55.618	ng		97
88) Benzo(b)fluoranthene	22.90	252	2903391	44.361	ng		99
89) Benzo(k)fluoranthene	22.94	252	2821296	42.773	ng		98
90) Benzo(a)pyrene	23.49	252	2881018	45.979	ng		98
91) Dibenzo(a,h)anthracene	25.89	278	3069114	48.341	ng		98
92) Benzo(g,h,i)perylene	26.59	276	3030946	49.058	ng		97

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

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