Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020419\
Data File : BM018731.D
Acq On : 04 Feb 2019 22:37
Operator : JU/SJ
Sample : K1011-14MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-02-013119-AMSD

Manual Integrations APPROVED
mohammad
2/5/2019 8:41:40 AM

Quant Time: Feb 05 04:06:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 04 15:10:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	232033	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	849124	20.00	ng		0.00
39) Acenaphthene-d10	14.37	164	424246	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	854765	20.00	ng		0.00
76) Chrysene-d12	21.31	240	795486	20.00	ng		0.00
87) Perylene-d12	23.57	264	840974	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1831667	145.76	ng		0.00
7) Phenol-d6	6.89	99	2126914	133.26	ng		0.00
23) Nitrobenzene-d5	8.89	82	1491459	101.82	ng		0.00
42) 2,4,6-Tribromophenol	15.86	330	800144	148.12	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	3405551	104.75	ng		0.00
79) Terphenyl-d14	19.75	244	3965749	105.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	197692	38.599	ng	#	41
3) Pyridine	3.68	79	430487	33.713	ng		99
4) n-Nitrosodimethylamine	3.58	42	274757	52.036	ng	#	94
6) Aniline	7.06	93	79138	4.445	ng		97
8) 2-Chlorophenol	7.29	128	680364	46.358	ng		97
9) Benzaldehyde	6.87	77	384908	42.738	ng		95
10) Phenol	6.92	94	658960	40.630	ng		99
11) bis(2-Chloroethyl)ether	7.16	93	567344	44.520	ng		98
12) 1,3-Dichlorobenzene	7.60	146	743548	42.542	ng		99
13) 1,4-Dichlorobenzene	7.75	146	758764	42.832	ng		99
14) 1,2-Dichlorobenzene	8.07	146	730998	43.518	ng		99
15) Benzyl Alcohol	7.97	79	518211	44.954	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	751914	46.170	ng		95
17) 2-Methylphenol	8.16	107	498540	45.285	ng		98
18) Hexachloroethane	8.78	117	263742	41.756	ng		96
19) n-Nitroso-di-n-propylamine	8.53	70	438541	42.221	ng		95
20) 3+4-Methylphenols	8.49	107	663547	43.661	ng		98
22) Acetophenone	8.55	105	918586	43.731	ng		97
24) Nitrobenzene	8.93	77	680549	47.221	ng		98
25) Isophorone	9.45	82	1138800	51.343	ng		99
26) 2-Nitrophenol	9.63	139	353030	50.659	ng		97
27) 2,4-Dimethylphenol	9.69	122	553219	52.963	ng		100
28) bis(2-Chloroethoxy)methane	9.93	93	722344	47.143	ng		99
29) 2,4-Dichlorophenol	10.16	162	591621	47.566	ng		98
30) 1,2,4-Trichlorobenzene	10.37	180	686936	44.496	ng		99
31) Naphthalene	10.56	128	2010197	49.156	ng		100
32) Benzoic acid	9.80	122	142006m	23.959	ng		
33) 4-Chloroaniline	10.69	127	45834	2.846	ng		99
34) Hexachlorobutadiene	10.82	225	406702	41.700	ng		99
35) Caprolactam	11.49	113	120277m	28.443	ng		
36) 4-Chloro-3-methylphenol	11.80	107	573907	43.981	ng		98
37) 2-Methylnaphthalene	12.17	142	1416983	49.042	ng		100
38) 1-Methylnaphthalene	12.40	142	1334490	47.735	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	723082	48.739	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	840556	103.234 ng	100
43) 2,4,6-Trichlorophenol	12.79	196	452537	50.231 ng	99
44) 2,4,5-Trichlorophenol	12.86	196	475582	50.194 ng	98
46) 1,1'-Biphenyl	13.19	154	1757723	47.451 ng	99
47) 2-Chloronaphthalene	13.24	162	1350995	47.031 ng	99
48) 2-Nitroaniline	13.46	65	324450	45.910 ng	96
49) Acenaphthylene	14.09	152	2116292	50.554 ng	99
50) Dimethylphthalate	13.83	163	1569427	45.044 ng	99
51) 2,6-Dinitrotoluene	13.96	165	348055	47.159 ng	94
52) Acenaphthene	14.43	154	1212821	47.351 ng	98
53) 3-Nitroaniline	14.29	138	36926	4.963 ng	97
54) 2,4-Dinitrophenol	14.50	184	167945	45.453 ng	90
55) Dibenzofuran	14.77	168	1936343	45.754 ng	99
56) 4-Nitrophenol	14.60	139	482387	75.045 ng	97
57) 2,4-Dinitrotoluene	14.75	165	465669	44.594 ng	98
58) Fluorene	15.42	166	1521938	48.275 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	405999	48.342 ng	97
60) Diethylphthalate	15.20	149	1532675	43.574 ng	100
61) 4-Chlorophenyl-phenylether	15.42	204	787930	43.364 ng	96
62) 4-Nitroaniline	15.46	138	250233	30.833 ng	96
63) Azobenzene	15.71	77	1288815	44.942 ng	97
65) 4,6-Dinitro-2-methylphenol	15.50	198	165122	32.295 ng	93
66) n-Nitrosodiphenylamine	15.63	169	1306192	49.263 ng	99
67) 4-Bromophenyl-phenylether	16.31	248	458229	47.905 ng	98
68) Hexachlorobenzene	16.42	284	504618	47.124 ng	98
69) Atrazine	16.59	200	432707	45.142 ng	99
70) Pentachlorophenol	16.76	266	549439	78.345 ng	98
71) Phenanthrene	17.16	178	2271663	49.965 ng	100
72) Anthracene	17.25	178	2275629	52.051 ng	100
73) Carbazole	17.53	167	2012869	44.813 ng	99
74) Di-n-butylphthalate	18.09	149	2367572	48.121 ng	99
75) Fluoranthene	19.18	202	2464703	47.021 ng	99
77) Benzidine	19.38	184	189318	9.639 ng	99
78) Pyrene	19.54	202	2521142	53.468 ng	99
80) Butylbenzylphthalate	20.44	149	1004410	49.920 ng	99
81) Benzo(a)anthracene	21.29	228	2393192	51.067 ng	100
82) 3,3'-Dichlorobenzidine	21.23	252	175038	9.877 ng	99
83) Chrysene	21.34	228	2268541	50.129 ng	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	1385678	47.693 ng	100
85) Di-n-octyl phthalate	22.10	149	2345742	48.003 ng	96
86) Indeno(1,2,3-cd)pyrene	25.86	276	3047617	58.403 ng	98
88) Benzo(b)fluoranthene	22.89	252	2414134	50.564 ng	99
89) Benzo(k)fluoranthene	22.93	252	2386791	49.605 ng	99
90) Benzo(a)pyrene	23.47	252	2375394	51.969 ng	99
91) Dibenzo(a,h)anthracene	25.87	278	2561867	55.316 ng	99
92) Benzo(g,h,i)perylene	26.57	276	2531697	56.174 ng	99

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

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