Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
Data File : BM018673.D
Acq On : 28 Jan 2019 20:33
Operator : JU/SJ
Sample : K1011-10MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-01-012519-AMS

Manual Integrations APPROVED
mohammad
1/29/2019 10:06:46 AM

Quant Time: Jan 29 02:42:41 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	214774	20.00	ng		-0.02
21) Naphthalene-d8	10.52	136	839812	20.00	ng		-0.01
39) Acenaphthene-d10	14.37	164	474275	20.00	ng		-0.01
64) Phenanthrene-d10	17.13	188	1061054	20.00	ng		-0.01
76) Chrysene-d12	21.32	240	1146494	20.00	ng		-0.01
87) Perylene-d12	23.59	264	1175939	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1551403	133.38	ng		-0.01
7) Phenol-d6	6.90	99	1824685	123.51	ng		0.00
23) Nitrobenzene-d5	8.89	82	1316960	90.91	ng		-0.01
42) 2,4,6-Tribromophenol	15.87	330	906557	150.12	ng		-0.01
45) 2-Fluorobiphenyl	12.99	172	3273671	90.07	ng		-0.01
79) Terphenyl-d14	19.76	244	5054827	92.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	162315	34.239	ng	#	71
3) Pyridine	3.67	79	414706	35.087	ng		96
4) n-Nitrosodimethylamine	3.58	42	239919	49.089	ng	#	95
6) Aniline	7.07	93	166854	10.125	ng		99
8) 2-Chlorophenol	7.29	128	632777	46.581	ng		95
9) Benzaldehyde	6.88	77	110076	10.597	ng		97
10) Phenol	6.93	94	609804	40.621	ng		98
11) bis(2-Chloroethyl)ether	7.16	93	520236	44.104	ng		96
12) 1,3-Dichlorobenzene	7.61	146	660568	40.831	ng		99
13) 1,4-Dichlorobenzene	7.76	146	680057	41.474	ng		99
14) 1,2-Dichlorobenzene	8.07	146	651038	41.872	ng		100
15) Benzyl Alcohol	7.97	79	501262	46.978	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	653723	43.366	ng		96
17) 2-Methylphenol	8.17	107	481738	47.275	ng		99
18) Hexachloroethane	8.79	117	243126	41.585	ng		93
19) n-Nitroso-di-n-propylamine	8.53	70	425703	44.279	ng		94
20) 3+4-Methylphenols	8.50	107	641581	45.608	ng		98
22) Acetophenone	8.56	105	871902	41.969	ng	#	97
24) Nitrobenzene	8.93	77	638965	44.827	ng		98
25) Isophorone	9.46	82	1138018	51.877	ng		97
26) 2-Nitrophenol	9.64	139	340757	49.440	ng		97
27) 2,4-Dimethylphenol	9.69	122	554311	53.656	ng		97
28) bis(2-Chloroethoxy)methane	9.94	93	708203	46.732	ng		100
29) 2,4-Dichlorophenol	10.17	162	598270	48.634	ng		99
30) 1,2,4-Trichlorobenzene	10.37	180	661328	43.312	ng		98
31) Naphthalene	10.57	128	1915574	47.362	ng		99
32) Benzoic acid	9.83	122	265792m	39.538	ng		
33) 4-Chloroaniline	10.70	127	45885	2.881	ng		98
34) Hexachlorobutadiene	10.83	225	402863	41.764	ng		98
35) Caprolactam	11.50	113	137579m	32.895	ng		
36) 4-Chloro-3-methylphenol	11.82	107	617313	47.832	ng		99
37) 2-Methylnaphthalene	12.18	142	1421929	49.759	ng		100
38) 1-Methylnaphthalene	12.40	142	1351780	48.889	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	739278	44.575	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	755667	83.018	ng		99
43) 2,4,6-Trichlorophenol	12.80	196	492495	48.900	ng		100
44) 2,4,5-Trichlorophenol	12.87	196	527552	49.805	ng		99
46) 1,1'-Biphenyl	13.20	154	1801419	43.501	ng		99
47) 2-Chloronaphthalene	13.25	162	1405972	43.782	ng		99
48) 2-Nitroaniline	13.47	65	374398	47.389	ng		89
49) Acenaphthylene	14.10	152	2271946	48.548	ng		100
50) Dimethylphthalate	13.84	163	1780377	45.708	ng		99
51) 2,6-Dinitrotoluene	13.97	165	397187	48.140	ng		92
52) Acenaphthene	14.44	154	1328245	46.387	ng		97
53) 3-Nitroaniline	14.30	138	54201	6.516	ng		98
54) 2,4-Dinitrophenol	14.50	184	313261	71.023	ng		95
55) Dibenzofuran	14.77	168	2142867	45.293	ng		98
56) 4-Nitrophenol	14.61	139	634908	88.354	ng		96
57) 2,4-Dinitrotoluene	14.76	165	553763	47.436	ng		100
58) Fluorene	15.43	166	1726319	48.982	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.00	232	487898	51.966	ng		98
60) Diethylphthalate	15.20	149	1849010	47.023	ng		100
61) 4-Chlorophenyl-phenylether	15.42	204	890036	43.816	ng		99
62) 4-Nitroaniline	15.47	138	331990	36.591	ng		98
63) Azobenzene	15.72	77	1474644	45.997	ng		97
65) 4,6-Dinitro-2-methylphenol	15.52	198	246302	37.720	ng		89
66) n-Nitrosodiphenylamine	15.64	169	1527609	46.413	ng		99
67) 4-Bromophenyl-phenylether	16.32	248	541832	45.633	ng		96
68) Hexachlorobenzene	16.42	284	602403	45.319	ng		99
69) Atrazine	16.60	200	552120	46.402	ng		99
70) Pentachlorophenol	16.77	266	759380	87.229	ng		99
71) Phenanthrene	17.17	178	2772786	49.130	ng		100
72) Anthracene	17.26	178	2815590	51.881	ng		100
73) Carbazole	17.54	167	2563536	45.977	ng		100
74) Di-n-butylphthalate	18.09	149	3120279	51.089	ng		100
75) Fluoranthene	19.19	202	3312166	50.903	ng		97
77) Benzidine	19.39	184	505678	17.863	ng		100
78) Pyrene	19.56	202	3399443	50.022	ng		100
80) Butylbenzylphthalate	20.46	149	1471709	50.751	ng		98
81) Benzo(a)anthracene	21.30	228	3408407	50.464	ng		100
82) 3,3'-Dichlorobenzidine	21.24	252	298175	11.675	ng		99
83) Chrysene	21.36	228	3195375	48.992	ng		100
84) Bis(2-ethylhexyl)phthalate	21.23	149	2106827	50.313	ng		100
85) Di-n-octyl phthalate	22.12	149	3736150	53.049	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.89	276	3889233	51.713	ng		97
88) Benzo(b)fluoranthene	22.90	252	3367394	50.440	ng		99
89) Benzo(k)fluoranthene	22.95	252	3346542	49.740	ng		99
90) Benzo(a)pyrene	23.49	252	3274193	51.228	ng		98
91) Dibenzo(a,h)anthracene	25.90	278	3277556	50.610	ng		99
92) Benzo(g,h,i)perylene	26.60	276	3226247	51.194	ng		97

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

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