Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012919\
Data File : BM018686.D
Acq On : 29 Jan 2019 20:26
Operator : JU/SJ
Sample : K1008-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-01-012819MSD

Manual Integrations APPROVED
mohammad
1/30/2019 11:10:43 AM

Quant Time: Jan 30 00:28:43 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	7.73	152	242482	20.00	ng	-0.01
21) Naphthalene-d8	10.52	136	893589	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	450355	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	894470	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	818256	20.00	ng	-0.01
87) Perylene-d12	23.59	264	846392	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1653897	125.94	ng	0.00
7) Phenol-d6	6.90	99	1909923	114.51	ng	0.00
23) Nitrobenzene-d5	8.89	82	1502780	97.49	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	745098	129.94	ng	-0.01
45) 2-Fluorobiphenyl	12.99	172	3118069	90.34	ng	-0.01
79) Terphenyl-d14	19.76	244	3681621	94.85	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	208415	38.940	ng	# 35
3) Pyridine	3.68	79	518087	38.825	ng	# 76
4) n-Nitrosodimethylamine	3.59	42	204480	37.057	ng	# 52
6) Aniline	7.07	93	140261	7.539	ng	98
8) 2-Chlorophenol	7.29	128	655168	42.718	ng	98
9) Benzaldehyde	6.88	77	487004	58.358	ng	94
10) Phenol	6.93	94	656980	38.762	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	603705	45.332	ng	95
12) 1,3-Dichlorobenzene	7.61	146	734140	40.193	ng	96
13) 1,4-Dichlorobenzene	7.76	146	746778	40.339	ng	98
14) 1,2-Dichlorobenzene	8.07	146	714039	40.677	ng	99
15) Benzyl Alcohol	7.97	79	586156	48.657	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.25	45	529144	31.091	ng	76
17) 2-Methylphenol	8.17	107	502761	43.700	ng	95
18) Hexachloroethane	8.79	117	271249	41.094	ng	95
19) n-Nitroso-di-n-propylamine	8.53	70	503229	46.362	ng	# 75
20) 3+4-Methylphenols	8.50	107	663974	41.806	ng	96
22) Acetophenone	8.56	105	946295	42.809	ng	# 91
24) Nitrobenzene	8.93	77	755199	49.793	ng	93
25) Isophorone	9.46	82	1256346	53.824	ng	98
26) 2-Nitrophenol	9.64	139	335457	45.742	ng	95
27) 2,4-Dimethylphenol	9.69	122	547303	49.790	ng	94
28) bis(2-Chloroethoxy)methane	9.93	93	786352	48.766	ng	99
29) 2,4-Dichlorophenol	10.17	162	583120	44.550	ng	98
30) 1,2,4-Trichlorobenzene	10.37	180	684016	42.102	ng	99
31) Naphthalene	10.56	128	1967421	45.716	ng	99
32) Benzoic acid	9.83	122	243106m	34.900	ng	
33) 4-Chloroaniline	10.70	127	67998	4.012	ng	95
34) Hexachlorobutadiene	10.83	225	424228	41.332	ng	99
35) Caprolactam	11.50	113	112750m	25.336	ng	
36) 4-Chloro-3-methylphenol	11.81	107	595036	43.331	ng	94
37) 2-Methylnaphthalene	12.18	142	1403273	46.151	ng	99
38) 1-Methylnaphthalene	12.40	142	1309377	44.506	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	725423	46.062	ng	99

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1/30/2019 11:10:43 AM

Quant Time: Jan 30 00:28:43 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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	921424	106.605	ng		100
43) 2,4,6-Trichlorophenol	12.80	196	453557	47.426	ng		99
44) 2,4,5-Trichlorophenol	12.87	196	472520	46.979	ng		98
46) 1,1'-Biphenyl	13.20	154	1731579	44.035	ng		100
47) 2-Chloronaphthalene	13.24	162	1332461	43.697	ng		99
48) 2-Nitroaniline	13.47	65	352141	46.939	ng		96
49) Acenaphthylene	14.10	152	2070575	46.595	ng		99
50) Dimethylphthalate	13.84	163	1563487	42.272	ng		99
51) 2,6-Dinitrotoluene	13.96	165	339675	43.356	ng		96
52) Acenaphthene	14.44	154	1192906	43.873	ng		98
53) 3-Nitroaniline	14.30	138	47913	6.066	ng		88
54) 2,4-Dinitrophenol	14.50	184	289785	69.376	ng		95
55) Dibenzofuran	14.77	168	1904557	42.394	ng		99
56) 4-Nitrophenol	14.61	139	480485	70.416	ng		94
57) 2,4-Dinitrotoluene	14.75	165	457465	41.269	ng		91
58) Fluorene	15.43	166	1510183	45.125	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	410329	46.025	ng		98
60) Diethylphthalate	15.20	149	1533960	41.083	ng		99
61) 4-Chlorophenyl-phenylether	15.42	204	782454	40.566	ng		98
62) 4-Nitroaniline	15.46	138	253772	29.456	ng		97
63) Azobenzene	15.72	77	1460796	47.985	ng		92
65) 4,6-Dinitro-2-methylphenol	15.52	198	217146	39.201	ng		85
66) n-Nitrosodiphenylamine	15.64	169	1292018	46.566	ng		98
67) 4-Bromophenyl-phenylether	16.32	248	457686	45.725	ng		97
68) Hexachlorobenzene	16.42	284	505162	45.081	ng		99
69) Atrazine	16.60	200	432883	43.156	ng		98
70) Pentachlorophenol	16.77	266	586750	79.951	ng		99
71) Phenanthrene	17.17	178	2233635	46.948	ng		100
72) Anthracene	17.26	178	2242747	49.022	ng		100
73) Carbazole	17.54	167	1951108	41.510	ng		99
74) Di-n-butylphthalate	18.09	149	2338466	45.419	ng		100
75) Fluoranthene	19.19	202	2422439	44.163	ng		99
77) Benzidine	19.39	184	427056	21.137	ng		99
78) Pyrene	19.56	202	2450744	50.529	ng		99
80) Butylbenzylphthalate	20.46	149	966989	46.723	ng		96
81) Benzo(a)anthracene	21.30	228	2283548	47.372	ng		99
82) 3,3'-Dichlorobenzidine	21.24	252	221421	12.147	ng		100
83) Chrysene	21.36	228	2141853	46.013	ng		99
84) Bis(2-ethylhexyl)phthalate	21.23	149	1335103	44.674	ng		100
85) Di-n-octyl phthalate	22.12	149	2290277	45.564	ng	#	91
86) Indeno(1,2,3-cd)pyrene	25.89	276	2915805	54.322	ng		97
88) Benzo(b)fluoranthene	22.90	252	2351559	48.938	ng		98
89) Benzo(k)fluoranthene	22.95	252	2206524	45.565	ng		98
90) Benzo(a)pyrene	23.49	252	2268410	49.311	ng		98
91) Dibenzo(a,h)anthracene	25.90	278	2456986	52.712	ng		99
92) Benzo(g,h,i)perylene	26.60	276	2445876	53.922	ng		98

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

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