Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018940.D
Acq On : 26 Feb 2019 21:37
Operator : JU/SJ
Sample : K1610-09MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WV-EMSD

Manual Integrations APPROVED
Sohil
2/27/2019 4:20:23 PM

Quant Time: Feb 27 00:56:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	303861	20.00	ng		-0.02
21) Naphthalene-d8	10.48	136	1073535	20.00	ng		-0.02
39) Acenaphthene-d10	14.34	164	492368	20.00	ng		-0.02
64) Phenanthrene-d10	17.10	188	944097	20.00	ng		-0.02
76) Chrysene-d12	21.29	240	1094414	20.00	ng		-0.02
87) Perylene-d12	23.54	264	1223721	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	2846022	153.46	ng		-0.02
7) Phenol-d6	6.87	99	3744723	143.33	ng		-0.01
23) Nitrobenzene-d5	8.86	82	2374050	102.25	ng		-0.02
42) 2,4,6-Tribromophenol	15.84	330	933546	131.53	ng		-0.02
45) 2-Fluorobiphenyl	12.96	172	2242780	60.47	ng		-0.02
79) Terphenyl-d14	19.73	244	3028689	57.09	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	350579	43.403	ng		100
3) Pyridine	3.64	79	1045624	47.458	ng		100
4) n-Nitrosodimethylamine	3.56	42	343661	61.313	ng		90
6) Aniline	7.04	93	997223	31.153	ng		99
8) 2-Chlorophenol	7.26	128	1004609	49.339	ng		98
9) Benzaldehyde	6.85	77	544537	37.511	ng		99
10) Phenol	6.90	94	1383942	50.344	ng		99
11) bis(2-Chloroethyl)ether	7.13	93	1002848	47.824	ng		99
12) 1,3-Dichlorobenzene	7.58	146	1105751	48.296	ng		99
13) 1,4-Dichlorobenzene	7.73	146	1132358	48.582	ng		100
14) 1,2-Dichlorobenzene	8.04	146	1065314	47.582	ng		98
15) Benzyl Alcohol	7.95	79	952456	45.881	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	951875	46.901	ng		97
17) 2-Methylphenol	8.14	107	815441	46.607	ng		99
18) Hexachloroethane	8.76	117	410686	48.267	ng		98
19) n-Nitroso-di-n-propylamine	8.50	70	864647	42.744	ng		99
20) 3+4-Methylphenols	8.47	107	1081367	44.759	ng		99
22) Acetophenone	8.52	105	1463581	49.644	ng	#	99
24) Nitrobenzene	8.90	77	1258108	52.205	ng		99
25) Isophorone	9.42	82	2046384	55.240	ng		99
26) 2-Nitrophenol	9.61	139	513997	53.556	ng		97
27) 2,4-Dimethylphenol	9.66	122	807344	57.595	ng		99
28) bis(2-Chloroethoxy)methane	9.90	93	1225442	51.154	ng		100
29) 2,4-Dichlorophenol	10.13	162	810565	50.360	ng		99
30) 1,2,4-Trichlorobenzene	10.35	180	944582	50.817	ng		98
31) Naphthalene	10.53	128	2830681	54.065	ng		99
32) Benzoic acid	9.77	122	113411	9.275	ng		95
33) 4-Chloroaniline	10.66	127	252111	10.772	ng		99
34) Hexachlorobutadiene	10.79	225	529988	49.122	ng		98
35) Caprolactam	11.47	113	217207m	33.067	ng		
36) 4-Chloro-3-methylphenol	11.79	107	843914	43.488	ng		100
37) 2-Methylnaphthalene	12.15	142	1905438	51.690	ng		99
38) 1-Methylnaphthalene	12.37	142	1776011	49.269	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	865574	54.956	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	538720	66.899 ng	98
43) 2,4,6-Trichlorophenol	12.77	196	569003	54.571 ng	99
44) 2,4,5-Trichlorophenol	12.85	196	588925	53.888 ng	98
46) 1,1'-Biphenyl	13.17	154	2228236	52.575 ng	99
47) 2-Chloronaphthalene	13.22	162	1745273	53.315 ng	99
48) 2-Nitroaniline	13.44	65	568621	52.301 ng	98
49) Acenaphthylene	14.07	152	2659068	54.553 ng	100
50) Dimethylphthalate	13.81	163	2202905	53.685 ng	99
51) 2,6-Dinitrotoluene	13.94	165	432412	48.647 ng	98
52) Acenaphthene	14.41	154	1582995	52.964 ng	100
53) 3-Nitroaniline	14.27	138	292357	29.109 ng	97
54) 2,4-Dinitrophenol	14.48	184	159454	31.997 ng	98
55) Dibenzofuran	14.74	168	2420199	49.265 ng	99
56) 4-Nitrophenol	14.59	139	712366	88.852 ng	99
57) 2,4-Dinitrotoluene	14.73	165	570772	46.605 ng	97
58) Fluorene	15.40	166	1918726	51.053 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.97	232	474766	49.148 ng	99
60) Diethylphthalate	15.17	149	1887719	44.597 ng	100
61) 4-Chlorophenyl-phenylether	15.39	204	926989	43.992 ng	98
62) 4-Nitroaniline	15.44	138	394032	40.019 ng	99
63) Azobenzene	15.69	77	2088980	46.028 ng	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	181865	27.436 ng	99
66) n-Nitrosodiphenylamine	15.62	169	1576435	52.851 ng	99
67) 4-Bromophenyl-phenylether	16.29	248	521397	49.339 ng	98
68) Hexachlorobenzene	16.39	284	608951	49.576 ng	99
69) Atrazine	16.57	200	445757	46.355 ng	99
70) Pentachlorophenol	16.74	266	769507	97.297 ng	99
71) Phenanthrene	17.14	178	2866117	56.489 ng	100
72) Anthracene	17.23	178	2826586	57.237 ng	100
73) Carbazole	17.51	167	2537626	49.184 ng	99
74) Di-n-butylphthalate	18.06	149	2925521	49.303 ng	100
75) Fluoranthene	19.16	202	3313483	56.536 ng	99
77) Benzidine	19.36	184	2121007	86.053 ng	100
78) Pyrene	19.53	202	3432470	54.002 ng	100
80) Butylbenzylphthalate	20.43	149	1487091	51.336 ng	97
81) Benzo(a)anthracene	21.28	228	3491525	54.730 ng	99
82) 3,3'-Dichlorobenzidine	21.22	252	1218253	48.319 ng	99
83) Chrysene	21.33	228	3311223	54.152 ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	2361680	55.703 ng	99
85) Di-n-octyl phthalate	22.08	149	3913098	54.914 ng	100
86) Indeno(1,2,3-cd)pyrene	25.83	276	4675445	66.227 ng	99
88) Benzo(b)fluoranthene	22.87	252	3898307	55.679 ng	99
89) Benzo(k)fluoranthene	22.91	252	3590726	51.515 ng	100
90) Benzo(a)pyrene	23.45	252	3719832	56.084 ng	100
91) Dibenzo(a,h)anthracene	25.85	278	3940681	59.969 ng	100
92) Benzo(g,h,i)perylene	26.54	276	3831247	62.627 ng	99

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

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