Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
Data File : BM011018.D
Acq On : 27 Jul 2017 19:36
Operator : SJ/JU
Sample : I4432-03MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-1MS

Quant Time: Jul 28 01:06:28 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	176595	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	752488	20.00	ng		0.00
38) Acenaphthene-d10	14.04	164	596829	20.00	ng		0.00
63) Phenanthrene-d10	16.80	188	1643988	20.00	ng		0.00
75) Chrysene-d12	21.03	240	1833486	20.00	ng		0.00
86) Perylene-d12	23.14	264	1489270	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	374864	35.88	ng		0.00
7) Phenol-d6	6.59	99	499013	33.62	ng		0.00
23) Nitrobenzene-d5	8.53	82	1575082	78.56	ng		0.00
41) 2,4,6-Tribromophenol	15.55	330	820640	85.79	ng		0.00
44) 2-Fluorobiphenyl	12.66	172	3467807	72.87	ng		0.00
78) Terphenyl-d14	19.47	244	7205187	77.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	61645	13.143	ng	#	100
3) Pyridine	3.40	79	194997	15.220	ng		87
4) n-Nitrosodimethylamine	3.33	42	110941	16.992	ng	#	67
6) Aniline	6.73	93	516935	27.633	ng		91
8) 2-Chlorophenol	6.96	128	239710	22.601	ng		82
9) Benzaldehyde	6.55	77	187988	19.575	ng	#	67
10) Phenol	6.61	94	187146	11.608	ng		97
11) bis(2-Chloroethyl)ether	6.83	93	459647	36.592	ng		91
12) 1,3-Dichlorobenzene	7.27	146	382117	29.562	ng	#	82
13) 1,4-Dichlorobenzene	7.42	146	393468	29.697	ng	#	89
14) 1,2-Dichlorobenzene	7.73	146	376690	29.736	ng	#	84
15) Benzyl Alcohol	7.63	79	410305	28.816	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	7.93	45	437676	38.720	ng		78
17) 2-Methylphenol	7.84	107	321236	31.177	ng	#	76
18) Hexachloroethane	8.45	117	163285	28.260	ng	#	80
19) n-Nitroso-di-n-propylamine	8.20	70	516421	40.943	ng	#	90
20) 3+4-Methylphenols	8.16	107	380523	26.568	ng	#	82
22) Acetophenone	8.20	105	816287	36.189	ng	#	92
24) Nitrobenzene	8.58	77	782710	37.674	ng	#	87
25) Isophorone	9.10	82	1328429	39.739	ng	#	87
26) 2-Nitrophenol	9.27	139	169889	25.699	ng	#	19
27) 2,4-Dimethylphenol	9.35	122	434835	37.366	ng	#	65
28) bis(2-Chloroethoxy)methane	9.59	93	752708	40.371	ng		99
29) 2,4-Dichlorophenol	9.80	162	353237	27.012	ng		92
30) 1,2,4-Trichlorobenzene	10.02	180	524217	32.421	ng		96
31) Naphthalene	10.20	128	1315645	34.755	ng		99
32) Benzoic acid	9.42	122	33939	3.628	ng	#	80
33) 4-Chloroaniline	10.32	127	502043	33.245	ng	#	71
34) Hexachlorobutadiene	10.49	225	381369	29.947	ng		94
35) Caprolactam	11.10	113	24865	6.705	ng	#	80
36) 4-Chloro-3-methylphenol	11.45	107	561704	33.266	ng	#	74
37) 2-Methylnaphthalene	11.82	142	1103123	39.668	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	806906	31.469	ng	#	100
40) Hexachlorocyclopentadiene	12.19	237	1061534	71.047	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.46	196	331872	21.383	ng		98
43) 2,4,5-Trichlorophenol	12.53	196	390522	24.431	ng	#	85
45) 1,1'-Biphenyl	12.87	154	1656428	32.097	ng		97
46) 2-Chloronaphthalene	12.90	162	1298305	34.145	ng		93
47) 2-Nitroaniline	13.12	65	568862	42.289	ng	#	68
48) Acenaphthylene	13.76	152	2076491	36.593	ng		99
49) Dimethylphthalate	13.53	163	2067949	40.503	ng	#	99
50) 2,6-Dinitrotoluene	13.64	165	412713	39.974	ng	#	55
51) Acenaphthene	14.12	154	1264953	36.002	ng		97
52) 3-Nitroaniline	13.97	138	349226	38.979	ng	#	45
53) 2,4-Dinitrophenol	14.17	184	271327	36.978	ng	#	78
54) Dibenzofuran	14.45	168	2292649	40.271	ng	#	90
55) 4-Nitrophenol	14.29	139	117037	14.868	ng		94
56) 2,4-Dinitrotoluene	14.43	165	603222	41.618	ng	#	92
57) Fluorene	15.10	166	1927244	38.881	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.68	232	382608	25.536	ng	#	100
59) Diethylphthalate	14.90	149	2095126	40.181	ng		98
60) 4-Chlorophenyl-phenylether	15.11	204	1138128	38.030	ng		97
61) 4-Nitroaniline	15.14	138	383713	40.321	ng	#	1
62) Azobenzene	15.40	77	2493995	44.691	ng		87
64) 4,6-Dinitro-2-methylphenol	15.20	198	218108	19.597	ng		93
65) n-Nitrosodiphenylamine	15.33	169	1748827	37.171	ng		97
66) 4-Bromophenyl-phenylether	16.01	248	802076	37.952	ng	#	91
67) Hexachlorobenzene	16.11	284	831512	34.818	ng	#	87
68) Atrazine	16.30	200	787186	41.751	ng		97
69) Pentachlorophenol	16.46	266	634032	41.818	ng		97
70) Phenanthrene	16.84	178	3421120	39.742	ng		100
71) Anthracene	16.94	178	3435692	40.019	ng		99
72) Carbazole	17.22	167	2988213	39.800	ng		99
73) Di-n-butylphthalate	17.80	149	3615474	39.543	ng	#	96
74) Fluoranthene	18.88	202	4498731	42.171	ng		98
76) Benzidine	19.08	184	2759685	62.917	ng		99
77) Pyrene	19.24	202	4479085	41.114	ng		99
79) Butylbenzylphthalate	20.18	149	1518574	39.199	ng	#	68
80) Benzo(a)anthracene	21.01	228	4104677	39.208	ng		99
81) 3,3'-Dichlorobenzidine	20.96	252	1338608	32.593	ng	#	96
82) Chrysene	21.06	228	3794375	37.758	ng		100
83) Bis(2-ethylhexyl)phthalate	20.97	149	2147231	37.677	ng	#	99
84) Di-n-octyl phthalate	21.82	149	3264326	35.291	ng		99
85) Indeno(1,2,3-cd)pyrene	25.21	276	3472686	33.367	ng		96
87) Benzo(b)fluoranthene	22.51	252	3808630	39.846	ng	#	93
88) Benzo(k)fluoranthene	22.56	252	3354688	36.618	ng	#	94
89) Benzo(a)pyrene	23.05	252	3387701	39.169	ng	#	95
90) Dibenzo(a,h)anthracene	25.23	278	2898610	36.152	ng	#	92
91) Benzo(g,h,i)perylene	25.84	276	2865025	36.389	ng	#	86

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

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