Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM090217\
Data File : BM011415.D
Acq On : 02 Sep 2017 14:53
Operator : SJ/JU
Sample : I5073-09MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-3-4-COMPMSD

Manual Integrations APPROVED
mohammad
9/5/2017 4:58:40 PM

Quant Time: Sep 04 04:12:58 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	468819	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	2047682	20.00	ng		-0.01
38) Acenaphthene-d10	14.62	164	1169740	20.00	ng		-0.01
63) Phenanthrene-d10	17.36	188	2629570	20.00	ng		0.00
75) Chrysene-d12	21.52	240	3216418	20.00	ng		-0.01
86) Perylene-d12	23.90	264	3186175	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	3867456	138.86	ng		0.00
7) Phenol-d6	7.14	99	4875091	126.23	ng		0.00
23) Nitrobenzene-d5	9.15	82	2951500	94.98	ng		0.00
41) 2,4,6-Tribromophenol	16.10	330	1923428	142.12	ng		0.00
44) 2-Fluorobiphenyl	13.24	172	6781228	83.57	ng		-0.01
78) Terphenyl-d14	19.96	244	10050106	77.53	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	371565	32.009	ng	#	100
3) Pyridine	3.85	79	1107496	31.155	ng		87
4) n-Nitrosodimethylamine	3.75	42	663134	36.534	ng	#	72
6) Aniline	7.31	93	937238	17.869	ng		95
8) 2-Chlorophenol	7.55	128	1367277	41.642	ng		89
9) Benzaldehyde	7.12	77	276566	12.320	ng		95
10) Phenol	7.16	94	1646474	38.780	ng	#	75
11) bis(2-Chloroethyl)ether	7.40	93	1377426	40.592	ng		84
12) 1,3-Dichlorobenzene	7.87	146	1280892	34.258	ng		98
13) 1,4-Dichlorobenzene	8.02	146	1330460	34.990	ng		99
14) 1,2-Dichlorobenzene	8.34	146	1305322	35.468	ng		97
15) Benzyl Alcohol	8.22	79	1210563	43.355	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.51	45	2202468	38.813	ng		93
17) 2-Methylphenol	8.42	107	1165982	42.890	ng		97
18) Hexachloroethane	9.07	117	445404	34.218	ng		94
19) n-Nitroso-di-n-propylamine	8.79	70	1081837	38.151	ng	#	89
20) 3+4-Methylphenols	8.75	107	1561038	41.386	ng		97
22) Acetophenone	8.81	105	2046464	40.220	ng	#	92
24) Nitrobenzene	9.19	77	1508774	44.065	ng		94
25) Isophorone	9.72	82	2925431	42.017	ng		93
26) 2-Nitrophenol	9.90	139	614129	42.127	ng	#	83
27) 2,4-Dimethylphenol	9.96	122	1335953	41.151	ng		96
28) bis(2-Chloroethoxy)methane	10.19	93	1886153	39.699	ng		99
29) 2,4-Dichlorophenol	10.43	162	1313894	43.258	ng		98
30) 1,2,4-Trichlorobenzene	10.65	180	1406485	41.831	ng		98
31) Naphthalene	10.85	128	4241140	38.362	ng		100
32) Benzoic acid	10.07	122	693006	33.705	ng		98
33) 4-Chloroaniline	10.96	127	442674	9.153	ng	#	89
34) Hexachlorobutadiene	11.13	225	677159	35.346	ng		99
35) Caprolactam	11.73	113	341122m	31.185	ng		
36) 4-Chloro-3-methylphenol	12.06	107	1431503	40.127	ng		92
37) 2-Methylnaphthalene	12.45	142	3117240	40.510	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.81	216	1353463	38.449	ng	#	100
40) Hexachlorocyclopentadiene	12.79	237	1610434	99.797	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	955514	41.006 ng		99
43) 2,4,5-Trichlorophenol	13.12	196	1053051	44.498 ng	#	90
45) 1,1'-Biphenyl	13.45	154	3902167	37.576 ng		97
46) 2-Chloronaphthalene	13.50	162	2976789	38.588 ng		95
47) 2-Nitroaniline	13.70	65	1026706	42.632 ng		86
48) Acenaphthylene	14.34	152	4837112	40.243 ng		100
49) Dimethylphthalate	14.07	163	3808655	40.977 ng		99
50) 2,6-Dinitrotoluene	14.19	165	787144	44.726 ng		91
51) Acenaphthene	14.68	154	3060001	39.205 ng		99
52) 3-Nitroaniline	14.52	138	846993	37.052 ng		84
53) 2,4-Dinitrophenol	14.72	184	743060	89.174 ng		88
54) Dibenzofuran	15.02	168	4658623	43.286 ng		96
55) 4-Nitrophenol	14.82	139	1504673	84.579 ng	#	48
56) 2,4-Dinitrotoluene	14.97	165	1085244	44.124 ng	#	83
57) Fluorene	15.66	166	3874971	41.298 ng		98
58) 2,3,4,6-Tetrachlorophenol	15.23	232	912180	47.635 ng	#	100
59) Diethylphthalate	15.43	149	3948353	41.229 ng		98
60) 4-Chlorophenyl-phenylether	15.65	204	1790743	40.917 ng		94
61) 4-Nitroaniline	15.68	138	976371	41.087 ng		86
62) Azobenzene	15.94	77	3890629	45.079 ng		92
64) 4,6-Dinitro-2-methylphenol	15.73	198	489070	47.756 ng		91
65) n-Nitrosodiphenylamine	15.87	169	3249785	39.220 ng		99
66) 4-Bromophenyl-phenylether	16.54	248	1105320	39.962 ng	#	89
67) Hexachlorobenzene	16.66	284	1201420	37.013 ng	#	87
68) Atrazine	16.81	200	879792	36.229 ng		98
69) Pentachlorophenol	17.00	266	1550358	87.003 ng		99
70) Phenanthrene	17.40	178	6229437	42.539 ng		98
71) Anthracene	17.49	178	6270320	42.581 ng		99
72) Carbazole	17.76	167	5957511	41.981 ng		99
73) Di-n-butylphthalate	18.31	149	7145138	43.338 ng		100
74) Fluoranthene	19.40	202	7156561	42.829 ng		94
76) Benzidine	19.59	184	270837	4.266 ng		98
77) Pyrene	19.77	202	7603218	38.576 ng		98
79) Butylbenzylphthalate	20.65	149	3437030	39.473 ng		93
80) Benzo(a)anthracene	21.50	228	7455967	41.446 ng		98
81) 3,3'-Dichlorobenzidine	21.43	252	1348525	19.745 ng		99
82) Chrysene	21.56	228	6956974	41.030 ng		97
83) Bis(2-ethylhexyl)phthalate	21.42	149	5206074	40.783 ng		99
84) Di-n-octyl phthalate	22.34	149	9139252	42.471 ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.35	276	8322214	52.617 ng	#	88
87) Benzo(b)fluoranthene	23.17	252	7812144	39.937 ng		99
88) Benzo(k)fluoranthene	23.23	252	7780304	41.484 ng		97
89) Benzo(a)pyrene	23.80	252	7573627	42.927 ng	#	98
90) Dibenzo(a,h)anthracene	26.36	278	7012138	46.440 ng		99
91) Benzo(g,h,i)perylene	27.10	276	6576386	45.067 ng		99

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

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