Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087490.D
Acq On : 28 May 2016 21:10
Operator : UM/SJ
Sample : H3276-03MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-02MS

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5/31/2016 7:03:35 PM

Quant Time: May 30 03:49:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 30 03:48:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	127086	20.00	ng		-0.01
21) Naphthalene-d8	9.50	136	519380	20.00	ng		-0.01
38) Acenaphthene-d10	12.33	164	244088	20.00	ng		0.00
63) Phenanthrene-d10	14.73	188	449840	20.00	ng		0.00
75) Chrysene-d12	18.43	240	315855	20.00	ng		0.00
86) Perylene-d12	20.10	264	248587	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	690116	95.42	ng		0.01
7) Phenol-d6	7.03	99	672589	68.82	ng		-0.01
23) Nitrobenzene-d5	8.39	82	844957	81.99	ng		-0.01
41) 2,4,6-Tribromophenol	13.63	330	324996	138.55	ng		0.00
44) 2-Fluorobiphenyl	11.28	172	1405221	81.16	ng		-0.01
78) Terphenyl-d14	17.09	244	1233310	83.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.80	88	77862	20.40	ng	#	57
3) Pyridine	2.44	79	84932	10.18	ng	#	62
4) n-Nitrosodimethylamine	2.36	42	121324	18.87	ng	#	45
6) Aniline	6.97	93	281651	22.28	ng		95
8) 2-Chlorophenol	7.15	128	376785	41.77	ng		94
9) Benzaldehyde	6.84	77	22469	4.16	ng		97
10) Phenol	7.04	94	276267	25.89	ng	#	71
11) bis(2-Chloroethyl)ether	7.11	93	360282	41.71	ng		85
12) 1,3-Dichlorobenzene	7.36	146	350317	35.61	ng	#	91
13) 1,4-Dichlorobenzene	7.50	146	366628	36.30	ng		96
14) 1,2-Dichlorobenzene	7.72	146	350372	37.51	ng		99
15) Benzyl Alcohol	7.77	79	246578	34.61	ng		88
16) 2,2'-oxybis(1-Chloropropan	7.96	45	732893	37.71	ng		86
17) 2-Methylphenol	7.99	107	295344	40.86	ng	#	88
18) Hexachloroethane	8.24	117	137007	36.36	ng		93
19) n-Nitroso-di-n-propylamine	8.19	70	321114	44.06	ng	#	69
20) 3+4-Methylphenols	8.25	107	359366	41.13	ng	#	58
22) Acetophenone	8.16	105	580173	46.76	ng	#	98
24) Nitrobenzene	8.42	77	462806	42.54	ng		96
25) Isophorone	8.81	82	824935	44.63	ng		99
26) 2-Nitrophenol	8.92	139	195877	44.05	ng	#	76
27) 2,4-Dimethylphenol	9.07	122	358276	46.41	ng	#	85
28) bis(2-Chloroethoxy)methane	9.20	93	490989	47.16	ng		98
29) 2,4-Dichlorophenol	9.35	162	333367	47.92	ng		99
30) 1,2,4-Trichlorobenzene	9.43	180	326041	40.94	ng		97
31) Naphthalene	9.53	128	1095227	42.08	ng		99
32) Benzoic acid	9.37	122	67080	20.65	ng	#	79
33) 4-Chloroaniline	9.69	127	214491	22.38	ng	#	94
34) Hexachlorobutadiene	9.75	225	185055	38.23	ng		98
35) Caprolactam	10.35	113	21292m	10.49	ng		
36) 4-Chloro-3-methylphenol	10.55	107	384449	48.88	ng		94
37) 2-Methylnaphthalene	10.66	142	742182	45.65	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	326140	41.74	ng		99
40) Hexachlorocyclopentadiene	10.90	237	189568	61.45	ng		96

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.16	196	205957	45.67	ng		94
43) 2,4,5-Trichlorophenol	11.26	196	208282	45.35	ng		93
45) 1,1'-Biphenyl	11.43	154	896054	43.60	ng		97
46) 2-Chloronaphthalene	11.45	162	676821	43.05	ng		97
47) 2-Nitroaniline	11.67	65	267888	47.29	ng	#	77
48) Acenaphthylene	12.10	152	1095572	44.01	ng		99
49) Dimethylphthalate	11.99	163	881834	45.10	ng		100
50) 2,6-Dinitrotoluene	12.08	165	179644	45.60	ng	#	60
51) Acenaphthene	12.38	154	675619	44.16	ng		98
52) 3-Nitroaniline	12.37	138	57016	14.10	ng		84
53) 2,4-Dinitrophenol	12.56	184	172175	84.95	ng	#	87
54) Dibenzofuran	12.67	168	1012897	48.90	ng		96
55) 4-Nitrophenol	12.77	139	75343	39.06	ng	#	58
56) 2,4-Dinitrotoluene	12.74	165	247802	47.06	ng	#	87
57) Fluorene	13.22	166	790322	44.00	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.91	232	185842	52.60	ng		98
59) Diethylphthalate	13.13	149	843897	44.39	ng		100
60) 4-Chlorophenyl-phenylether	13.25	204	377266	43.07	ng		98
61) 4-Nitroaniline	13.36	138	137403	36.41	ng	#	66
62) Azobenzene	13.51	77	990560	50.23	ng		86
64) 4,6-Dinitro-2-methylphenol	13.42	198	119428	41.75	ng	#	74
65) n-Nitrosodiphenylamine	13.47	169	696186	47.85	ng		99
66) 4-Bromophenyl-phenylether	14.03	248	216164	43.93	ng		99
67) Hexachlorobenzene	14.10	284	227306	44.16	ng	#	62
68) Atrazine	14.39	200	193415	41.71	ng		95
69) Pentachlorophenol	14.47	266	158246	97.47	ng		98
70) Phenanthrene	14.77	178	1154265	46.32	ng		100
71) Anthracene	14.86	178	1177242	46.77	ng		99
72) Carbazole	15.14	167	1039003	48.40	ng		98
73) Di-n-butylphthalate	15.73	149	1274630	45.91	ng	#	99
74) Fluoranthene	16.54	202	1172097	46.91	ng		93
76) Benzidine	16.79	184	35174	4.33	ng		97
77) Pyrene	16.83	202	1105210	48.61	ng		99
79) Butylbenzylphthalate	17.75	149	487392	48.34	ng	#	74
80) Benzo(a)anthracene	18.42	228	848993	47.25	ng		99
81) 3,3'-Dichlorobenzidine	18.41	252	105816	10.66	ng		95
82) Chrysene	18.47	228	827876	46.43	ng		99
83) Bis(2-ethylhexyl)phthalate	18.49	149	677486	46.05	ng	#	95
84) Di-n-octyl phthalate	19.27	149	1003149	44.71	ng	#	87
85) Indeno(1,2,3-cd)pyrene	21.31	276	743028	51.98	ng		94
87) Benzo(b)fluoranthene	19.69	252	743719	46.97	ng		98
88) Benzo(k)fluoranthene	19.73	252	619363m	45.44	ng		
89) Benzo(a)pyrene	20.05	252	641108	46.81	ng		98
90) Dibenzo(a,h)anthracene	21.33	278	627304	53.70	ng	#	93
91) Benzo(g,h,i)perylene	21.67	276	634294	55.04	ng	#	89

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

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