Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
Data File : BM014201.D
Acq On : 08 Feb 2018 19:58
Operator : SJ/JU
Sample : J1476-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GL-WC-01MSD

Quant Time: Feb 09 04:09:09 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	119675	20.00	ng		0.00
21) Naphthalene-d8	10.31	136	524667	20.00	ng		0.00
38) Acenaphthene-d10	14.20	164	325480	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	674057	20.00	ng		0.00
75) Chrysene-d12	21.16	240	585435	20.00	ng		0.00
86) Perylene-d12	23.34	264	531889	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	369933	53.88	ng		0.00
7) Phenol-d6	6.74	99	950138	97.71	ng		0.00
23) Nitrobenzene-d5	8.70	82	864317	73.58	ng		0.00
41) 2,4,6-Tribromophenol	15.70	330	161829	35.04	ng		0.00
44) 2-Fluorobiphenyl	12.80	172	1655039	63.48	ng		0.00
78) Terphenyl-d14	19.60	244	1927563	64.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	77522	27.476	ng	#	100
3) Pyridine	3.52	79	226085	28.937	ng	#	89
4) n-Nitrosodimethylamine	3.45	42	171788	34.516	ng	#	55
6) Aniline	6.89	93	287513	23.192	ng		94
8) 2-Chlorophenol	7.11	128	194229	24.889	ng		94
9) Benzaldehyde	6.70	77	89338	12.766	ng		86
10) Phenol	6.76	94	389594	40.583	ng		91
11) bis(2-Chloroethyl)ether	6.99	93	271405	35.765	ng		95
12) 1,3-Dichlorobenzene	7.43	146	323590	33.174	ng	#	88
13) 1,4-Dichlorobenzene	7.57	146	338216	34.514	ng	#	93
14) 1,2-Dichlorobenzene	7.89	146	332579	33.725	ng	#	95
15) Benzyl Alcohol	7.79	79	339489	37.677	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.07	45	276420	35.812	ng		84
17) 2-Methylphenol	8.00	107	274097	37.306	ng	#	87
18) Hexachloroethane	8.59	117	142460	33.633	ng		95
19) n-Nitroso-di-n-propylamine	8.35	70	287269	34.292	ng		94
20) 3+4-Methylphenols	8.33	107	368434	34.625	ng		92
22) Acetophenone	8.37	105	553331	36.678	ng	#	91
24) Nitrobenzene	8.74	77	429834	35.541	ng		95
25) Isophorone	9.26	82	738954	37.975	ng	#	93
26) 2-Nitrophenol	9.45	139	80378	17.618	ng	#	53
27) 2,4-Dimethylphenol	9.51	122	315765	45.411	ng	#	81
28) bis(2-Chloroethoxy)methane	9.75	93	415248	41.611	ng		98
29) 2,4-Dichlorophenol	9.98	162	170230	21.909	ng		94
30) 1,2,4-Trichlorobenzene	10.18	180	351106	34.278	ng		97
31) Naphthalene	10.36	128	1039198	36.174	ng		98
32) Benzoic acid	9.69	122	132	6.204	ng	#	11
33) 4-Chloroaniline	10.49	127	210116	17.595	ng	#	87
34) Hexachlorobutadiene	10.63	225	219525	31.244	ng		97
35) Caprolactam	11.29	113	95898	34.513	ng	#	86
36) 4-Chloro-3-methylphenol	11.63	107	352165	36.583	ng		87
37) 2-Methylnaphthalene	11.99	142	778925	36.002	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.36	216	425034	37.269	ng	#	100
40) Hexachlorocyclopentadiene	12.33	237	388900	59.870	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.62	196	100609	15.017	ng		94
43) 2,4,5-Trichlorophenol	12.70	196	123524	16.699	ng	#	84
45) 1,1'-Biphenyl	13.02	154	1023884	36.315	ng		97
46) 2-Chloronaphthalene	13.06	162	789054	36.868	ng	#	93
47) 2-Nitroaniline	13.29	65	270629	34.363	ng	#	81
48) Acenaphthylene	13.92	152	1226129	34.938	ng		99
49) Dimethylphthalate	13.67	163	1103606	37.875	ng		100
50) 2,6-Dinitrotoluene	13.80	165	213297	35.675	ng	#	68
51) Acenaphthene	14.26	154	732690	33.870	ng		98
52) 3-Nitroaniline	14.13	138	167523	27.087	ng	#	76
53) 2,4-Dinitrophenol	14.37	184	12040	10.870	ng	#	78
54) Dibenzofuran	14.60	168	1198323	35.451	ng	#	89
55) 4-Nitrophenol	14.47	139	72451	19.506	ng	#	74
56) 2,4-Dinitrotoluene	14.60	165	299278	32.435	ng	#	83
57) Fluorene	15.26	166	976513	32.838	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.84	232	89423	12.271	ng	#	100
59) Diethylphthalate	15.04	149	1006270	31.112	ng		97
60) 4-Chlorophenyl-phenylether	15.25	204	509046	32.931	ng		92
61) 4-Nitroaniline	15.30	138	188411	30.446	ng	#	30
62) Azobenzene	15.54	77	1087597	32.378	ng		83
64) 4,6-Dinitro-2-methylphenol	15.37	198	34497	12.174	ng		90
65) n-Nitrosodiphenylamine	15.47	169	854348	40.149	ng		97
66) 4-Bromophenyl-phenylether	16.15	248	292909	37.075	ng	#	88
67) Hexachlorobenzene	16.26	284	303818	35.027	ng	#	79
68) Atrazine	16.44	200	289496	36.271	ng		99
69) Pentachlorophenol	16.62	266	100073	21.532	ng		96
70) Phenanthrene	17.00	178	1433865	35.263	ng		99
71) Anthracene	17.09	178	1447635	36.538	ng		99
72) Carbazole	17.37	167	1243575	33.391	ng		99
73) Di-n-butylphthalate	17.93	149	1518443	31.859	ng	#	97
74) Fluoranthene	19.02	202	1551610	32.413	ng		99
76) Benzidine	19.23	184	767522	44.022	ng		98
77) Pyrene	19.39	202	1528193	37.574	ng		97
79) Butylbenzylphthalate	20.30	149	624915	34.118	ng	#	80
80) Benzo(a)anthracene	21.14	228	1366442	35.920	ng		98
81) 3,3'-Dichlorobenzidine	21.09	252	405174	28.498	ng		97
82) Chrysene	21.20	228	1259935	34.143	ng		99
83) Bis(2-ethylhexyl)phthalate	21.08	149	874857	32.745	ng		98
84) Di-n-octyl phthalate	21.94	149	1392341	37.645	ng		96
85) Indeno(1,2,3-cd)pyrene	25.50	276	1290546	44.484	ng		98
87) Benzo(b)fluoranthene	22.69	252	1240597	33.614	ng	#	94
88) Benzo(k)fluoranthene	22.73	252	1216712	34.679	ng	#	97
89) Benzo(a)pyrene	23.24	252	1178431	36.232	ng	#	97
90) Dibenzo(a,h)anthracene	25.51	278	1104766	41.565	ng	#	94
91) Benzo(g,h,i)perylene	26.16	276	1083568	43.604	ng	#	89

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

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