Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
Data File : BM014200.D
Acq On : 08 Feb 2018 19:22
Operator : SJ/JU
Sample : J1476-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GL-WC-01MS

Manual Integrations APPROVED
Sohil
2/9/2018 4:35:25 PM

Quant Time: Feb 09 04:55:03 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	121501	20.00	ng		0.00
21) Naphthalene-d8	10.31	136	534068	20.00	ng		0.00
38) Acenaphthene-d10	14.20	164	318880	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	635394	20.00	ng		0.00
75) Chrysene-d12	21.16	240	503111	20.00	ng		0.00
86) Perylene-d12	23.34	264	470024	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	584077	83.79	ng		0.00
7) Phenol-d6	6.74	99	1216680	123.24	ng		0.00
23) Nitrobenzene-d5	8.70	82	1166745	97.58	ng		0.00
41) 2,4,6-Tribromophenol	15.70	330	260173	57.50	ng		0.00
44) 2-Fluorobiphenyl	12.81	172	2277254	89.15	ng		0.00
78) Terphenyl-d14	19.60	244	2528364	98.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	103092	35.989	ng	#	100
3) Pyridine	3.52	79	317602	40.039	ng	#	90
4) n-Nitrosodimethylamine	3.45	42	244971	48.480	ng	#	52
6) Aniline	6.89	93	372493	29.595	ng		92
8) 2-Chlorophenol	7.12	128	237690	30.000	ng		94
9) Benzaldehyde	6.70	77	120597	16.973	ng		88
10) Phenol	6.76	94	463303	47.536	ng		94
11) bis(2-Chloroethyl)ether	6.99	93	383668	49.799	ng		92
12) 1,3-Dichlorobenzene	7.43	146	447400	45.178	ng	#	87
13) 1,4-Dichlorobenzene	7.57	146	472721	47.514	ng	#	94
14) 1,2-Dichlorobenzene	7.89	146	466578	46.602	ng	#	94
15) Benzyl Alcohol	7.80	79	477027	52.146	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.07	45	379143	48.382	ng		83
17) 2-Methylphenol	8.00	107	369515	49.536	ng	#	82
18) Hexachloroethane	8.59	117	190880	44.387	ng		94
19) n-Nitroso-di-n-propylamine	8.36	70	400103	47.044	ng		96
20) 3+4-Methylphenols	8.33	107	484821	44.878	ng		89
22) Acetophenone	8.37	105	750920	48.899	ng	#	94
24) Nitrobenzene	8.75	77	591988	48.087	ng		96
25) Isophorone	9.26	82	1001179	50.545	ng		93
26) 2-Nitrophenol	9.45	139	95644	20.596	ng	#	47
27) 2,4-Dimethylphenol	9.52	122	431111	60.908	ng	#	81
28) bis(2-Chloroethoxy)methane	9.75	93	553582	54.497	ng		99
29) 2,4-Dichlorophenol	9.98	162	210234	26.582	ng		94
30) 1,2,4-Trichlorobenzene	10.18	180	494806	47.457	ng		99
31) Naphthalene	10.36	128	1436913	49.137	ng		99
32) Benzoic acid	9.67	122	564	6.266	ng	#	13
33) 4-Chloroaniline	10.50	127	202115	16.627	ng	#	85
34) Hexachlorobutadiene	10.63	225	309275	43.243	ng		97
35) Caprolactam	11.30	113	123335m	43.606	ng		
36) 4-Chloro-3-methylphenol	11.64	107	457347	46.674	ng	#	82
37) 2-Methylnaphthalene	11.99	142	1067877	48.489	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.36	216	587810	52.609	ng	#	100
40) Hexachlorocyclopentadiene	12.33	237	603847	91.276	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.62	196	129110	19.670	ng		96
43) 2,4,5-Trichlorophenol	12.70	196	153330	21.158	ng	#	85
45) 1,1'-Biphenyl	13.02	154	1429034	51.734	ng		97
46) 2-Chloronaphthalene	13.06	162	1082849	51.643	ng	#	93
47) 2-Nitroaniline	13.29	65	368431	47.749	ng	#	81
48) Acenaphthylene	13.92	152	1662125	48.342	ng		100
49) Dimethylphthalate	13.67	163	1449959	50.792	ng		99
50) 2,6-Dinitrotoluene	13.80	165	279535	47.721	ng	#	67
51) Acenaphthene	14.26	154	1021645	48.205	ng		97
52) 3-Nitroaniline	14.13	138	212391	35.053	ng	#	68
53) 2,4-Dinitrophenol	14.36	184	19808	13.042	ng		90
54) Dibenzofuran	14.60	168	1643833	49.638	ng	#	91
55) 4-Nitrophenol	14.46	139	95581	24.259	ng	#	84
56) 2,4-Dinitrotoluene	14.60	165	395243	43.721	ng	#	82
57) Fluorene	15.26	166	1347977	46.267	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.84	232	108378	15.180	ng	#	100
59) Diethylphthalate	15.04	149	1366828	43.134	ng		97
60) 4-Chlorophenyl-phenylether	15.26	204	701524	46.321	ng		92
61) 4-Nitroaniline	15.30	138	248335	40.959	ng	#	25
62) Azobenzene	15.55	77	1450003	44.060	ng		85
64) 4,6-Dinitro-2-methylphenol	15.37	198	47423	15.201	ng		87
65) n-Nitrosodiphenylamine	15.47	169	1130626	56.365	ng		96
66) 4-Bromophenyl-phenylether	16.15	248	397656	53.396	ng	#	87
67) Hexachlorobenzene	16.26	284	412201	50.414	ng	#	79
68) Atrazine	16.44	200	368459	48.974	ng		98
69) Pentachlorophenol	16.62	266	126971	26.928	ng		94
70) Phenanthrene	17.00	178	1884220	49.158	ng		99
71) Anthracene	17.09	178	1921671	51.454	ng		100
72) Carbazole	17.37	167	1593349	45.387	ng		99
73) Di-n-butylphthalate	17.93	149	1947063	43.338	ng	#	96
74) Fluoranthene	19.03	202	1938509	42.959	ng		99
76) Benzidine	19.23	184	906368	60.492	ng		99
77) Pyrene	19.39	202	1917197	54.852	ng		99
79) Butylbenzylphthalate	20.30	149	749257	47.600	ng	#	81
80) Benzo(a)anthracene	21.14	228	1586468	48.528	ng		99
81) 3,3'-Dichlorobenzidine	21.09	252	453334	37.103	ng		99
82) Chrysene	21.20	228	1485466	46.842	ng		99
83) Bis(2-ethylhexyl)phthalate	21.08	149	1026947	44.727	ng		95
84) Di-n-octyl phthalate	21.94	149	1616677	50.862	ng		96
85) Indeno(1,2,3-cd)pyrene	25.51	276	1718135	68.913	ng		98
87) Benzo(b)fluoranthene	22.69	252	1481852	45.436	ng	#	94
88) Benzo(k)fluoranthene	22.73	252	1485589	47.916	ng	#	96
89) Benzo(a)pyrene	23.24	252	1438107	50.036	ng		98
90) Dibenzo(a,h)anthracene	25.51	278	1446502	61.586	ng	#	93
91) Benzo(g,h,i)perylene	26.17	276	1406209	64.035	ng	#	89

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

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