Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM010015.D
Acq On : 12 May 2017 09:29
Operator : SJ/MA
Sample : I3069-02MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAC-2MSD

Manual Integrations APPROVED
mohammad
5/12/2017 4:30:27 PM

Quant Time: May 12 10:45:20 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 19:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	59516	20.00	ng		-0.02
21) Naphthalene-d8	10.56	136	250189	20.00	ng		-0.02
38) Acenaphthene-d10	14.42	164	169014	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	419780	20.00	ng		-0.03
75) Chrysene-d12	21.36	240	489973	20.00	ng		-0.02
86) Perylene-d12	23.65	264	357625	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	520610	136.89	ng		-0.01
7) Phenol-d6	6.95	99	767014	125.86	ng		-0.02
23) Nitrobenzene-d5	8.93	82	627855	91.71	ng		-0.02
41) 2,4,6-Tribromophenol	15.92	330	359147	155.27	ng		-0.02
44) 2-Fluorobiphenyl	13.03	172	1177277	93.15	ng		-0.02
78) Terphenyl-d14	19.80	244	2235459	96.16	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	45895	32.57	ng	#	100
3) Pyridine	3.70	79	125079	24.09	ng		94
4) n-Nitrosodimethylamine	3.60	42	110770	38.94	ng	#	67
6) Aniline	7.10	93	252598	31.93	ng		91
8) 2-Chlorophenol	7.33	128	184759	44.75	ng	#	76
9) Benzaldehyde	6.93	77	24201	5.31	ng	#	66
10) Phenol	6.97	94	280857	42.41	ng		86
11) bis(2-Chloroethyl)ether	7.20	93	212939	41.36	ng	#	83
12) 1,3-Dichlorobenzene	7.65	146	153402	33.28	ng	#	81
13) 1,4-Dichlorobenzene	7.80	146	167572	35.48	ng		94
14) 1,2-Dichlorobenzene	8.11	146	163006	35.60	ng	#	89
15) Benzyl Alcohol	8.02	79	259280	49.92	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.29	45	324291	39.69	ng		98
17) 2-Methylphenol	8.22	107	184073	42.58	ng	#	75
18) Hexachloroethane	8.82	117	66908	34.17	ng		85
19) n-Nitroso-di-n-propylamine	8.57	70	234995	42.50	ng	#	93
20) 3+4-Methylphenols	8.55	107	255791	43.47	ng		88
22) Acetophenone	8.59	105	338432	44.25	ng	#	90
24) Nitrobenzene	8.97	77	339648	46.62	ng	#	87
25) Isophorone	9.50	82	570491	48.42	ng	#	89
26) 2-Nitrophenol	9.69	139	101598	46.31	ng	#	49
27) 2,4-Dimethylphenol	9.74	122	190527	46.40	ng	#	83
28) bis(2-Chloroethoxy)methane	9.97	93	327146	46.09	ng	#	97
29) 2,4-Dichlorophenol	10.22	162	201419	50.41	ng		93
30) 1,2,4-Trichlorobenzene	10.42	180	197962	42.43	ng		95
31) Naphthalene	10.60	128	562946	40.87	ng		98
32) Benzoic acid	9.93	122	113292	41.24	ng	#	73
33) 4-Chloroaniline	10.74	127	147789	25.24	ng	#	78
34) Hexachlorobutadiene	10.86	225	122628	38.63	ng		96
35) Caprolactam	11.57	113	56889m	36.44	ng		
36) 4-Chloro-3-methylphenol	11.87	107	253134	47.41	ng	#	78
37) 2-Methylnaphthalene	12.22	142	452609	45.91	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	261509	42.51	ng	#	100
40) Hexachlorocyclopentadiene	12.55	237	139245	85.26	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	186259	49.18	ng		96
43) 2,4,5-Trichlorophenol	12.93	196	187525	45.58	ng	#	85
45) 1,1'-Biphenyl	13.24	154	631238	44.88	ng		95
46) 2-Chloronaphthalene	13.29	162	492653	44.57	ng		96
47) 2-Nitroaniline	13.52	65	137682	27.52	ng	#	65
48) Acenaphthylene	14.14	152	805803	46.29	ng		99
49) Dimethylphthalate	13.88	163	653696	43.88	ng	#	99
50) 2,6-Dinitrotoluene	14.02	165	144644	47.91	ng	#	60
51) Acenaphthene	14.48	154	496678	45.28	ng		97
52) 3-Nitroaniline	14.35	138	110749	34.54	ng	#	50
53) 2,4-Dinitrophenol	14.57	184	143257	79.77	ng		97
54) Dibenzofuran	14.82	168	833243	49.59	ng		96
55) 4-Nitrophenol	14.68	139	183160	85.31	ng	#	13
56) 2,4-Dinitrotoluene	14.81	165	216854	48.55	ng	#	79
57) Fluorene	15.47	166	683990	46.17	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.05	232	183467	51.62	ng	#	100
59) Diethylphthalate	15.24	149	701265	44.83	ng		100
60) 4-Chlorophenyl-phenylether	15.46	204	375653	46.43	ng		97
61) 4-Nitroaniline	15.53	138	69142	21.17	ng	#	16
62) Azobenzene	15.76	77	1001389	52.76	ng		85
64) 4,6-Dinitro-2-methylphenol	15.58	198	113603	42.10	ng		87
65) n-Nitrosodiphenylamine	15.69	169	609607	46.80	ng		99
66) 4-Bromophenyl-phenylether	16.36	248	241817	48.50	ng		94
67) Hexachlorobenzene	16.47	284	252877	45.70	ng	#	90
68) Atrazine	16.64	200	225335	47.34	ng		95
69) Pentachlorophenol	16.83	266	228498	84.11	ng		95
70) Phenanthrene	17.22	178	1124228	46.66	ng		99
71) Anthracene	17.30	178	1173992	47.76	ng		99
72) Carbazole	17.59	167	1036138	47.22	ng		98
73) Di-n-butylphthalate	18.13	149	1250119	44.81	ng	#	97
74) Fluoranthene	19.23	202	1400484	45.30	ng		98
76) Benzidine	19.43	184	116729	9.53	ng		98
77) Pyrene	19.60	202	1436238	49.25	ng		98
79) Butylbenzylphthalate	20.49	149	580640	47.82	ng	#	64
80) Benzo(a)anthracene	21.34	228	1397558	47.47	ng		100
81) 3,3'-Dichlorobenzidine	21.28	252	229133	21.13	ng	#	98
82) Chrysene	21.40	228	1257233	45.54	ng		98
83) Bis(2-ethylhexyl)phthalate	21.24	149	863912	47.65	ng		98
84) Di-n-octyl phthalate	22.14	149	1410108	45.33	ng	#	87
85) Indeno(1,2,3-cd)pyrene	25.99	276	1073094	46.11	ng	#	100
87) Benzo(b)fluoranthene	22.96	252	1217822	50.28	ng	#	94
88) Benzo(k)fluoranthene	23.01	252	1114620	48.44	ng	#	98
89) Benzo(a)pyrene	23.56	252	1036022	48.52	ng		99
90) Dibenzo(a,h)anthracene	25.99	278	930320	49.37	ng	#	94
91) Benzo(g,h,i)perylene	26.70	276	815163	46.94	ng	#	92

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

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