Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051617\
Data File : BM010058.D
Acq On : 16 May 2017 18:03
Operator : SJ/MA
Sample : PB99002BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB99002BS

Manual Integrations APPROVED
mohammad
5/17/2017 5:46:46 PM

Quant Time: May 17 04:26:58 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	7.75	152	36368	20.00	ng		-0.03
21) Naphthalene-d8	10.55	136	174355	20.00	ng		-0.04
38) Acenaphthene-d10	14.41	164	114098	20.00	ng		-0.03
63) Phenanthrene-d10	17.16	188	294495	20.00	ng		-0.04
75) Chrysene-d12	21.36	240	398893	20.00	ng		-0.03
86) Perylene-d12	23.64	264	323402	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	236551	101.79	ng		-0.02
7) Phenol-d6	6.94	99	360667	96.86	ng		-0.03
23) Nitrobenzene-d5	8.93	82	449268	94.17	ng		-0.03
41) 2,4,6-Tribromophenol	15.91	330	131031	83.91	ng		-0.03
44) 2-Fluorobiphenyl	13.02	172	725931	85.08	ng		-0.04
78) Terphenyl-d14	19.79	244	1516590	80.13	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	30695	35.65	ng	#	100
3) Pyridine	3.68	79	112571	35.47	ng	#	80
4) n-Nitrosodimethylamine	3.59	42	96044	55.25	ng	#	41
6) Aniline	7.09	93	175078	36.21	ng	#	80
8) 2-Chlorophenol	7.32	128	116693	46.25	ng	#	78
9) Benzaldehyde	6.92	77	76654	27.50	ng	#	79
10) Phenol	6.96	94	184399	45.57	ng		93
11) bis(2-Chloroethyl)ether	7.19	93	126237	40.12	ng	#	80
12) 1,3-Dichlorobenzene	7.64	146	109816	38.99	ng	#	78
13) 1,4-Dichlorobenzene	7.79	146	113168	39.21	ng	#	90
14) 1,2-Dichlorobenzene	8.10	146	111203	39.74	ng	#	85
15) Benzyl Alcohol	8.01	79	156231	49.23	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	8.29	45	208398	41.74	ng		97
17) 2-Methylphenol	8.21	107	115631	43.78	ng	#	77
18) Hexachloroethane	8.82	117	55873	46.69	ng		93
19) n-Nitroso-di-n-propylamine	8.56	70	145663	43.11	ng	#	80
20) 3+4-Methylphenols	8.54	107	160629	44.67	ng	#	80
22) Acetophenone	8.59	105	209642	39.33	ng	#	77
24) Nitrobenzene	8.97	77	220508	43.43	ng	#	82
25) Isophorone	9.49	82	350820	42.73	ng	#	85
26) 2-Nitrophenol	9.67	139	61217	40.04	ng	#	24
27) 2,4-Dimethylphenol	9.73	122	120068	41.96	ng	#	79
28) bis(2-Chloroethoxy)methane	9.96	93	191265	38.67	ng		94
29) 2,4-Dichlorophenol	10.21	162	116729	41.92	ng		89
30) 1,2,4-Trichlorobenzene	10.41	180	121261	37.30	ng		99
31) Naphthalene	10.60	128	356676	37.16	ng		97
32) Benzoic acid	9.92	122	79673	41.62	ng	#	70
33) 4-Chloroaniline	10.73	127	88313	21.64	ng	#	74
34) Hexachlorobutadiene	10.86	225	79658	36.01	ng		96
35) Caprolactam	11.55	113	42317m	38.90	ng		
36) 4-Chloro-3-methylphenol	11.86	107	156891	42.16	ng	#	77
37) 2-Methylnaphthalene	12.22	142	271700	39.54	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	145476	35.03	ng	#	100
40) Hexachlorocyclopentadiene	12.55	237	90542	83.40	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.84	196	99665	38.98	ng		95
43) 2,4,5-Trichlorophenol	12.92	196	106370	38.30	ng	#	81
45) 1,1'-Biphenyl	13.23	154	366029	38.55	ng		96
46) 2-Chloronaphthalene	13.28	162	293251	39.30	ng	#	92
47) 2-Nitroaniline	13.51	65	167362	49.54	ng	#	57
48) Acenaphthylene	14.13	152	478906	40.76	ng		98
49) Dimethylphthalate	13.87	163	397059	39.48	ng		98
50) 2,6-Dinitrotoluene	14.00	165	85262	41.83	ng	#	14
51) Acenaphthene	14.47	154	299615	40.46	ng		98
52) 3-Nitroaniline	14.35	138	73383	33.90	ng	#	42
53) 2,4-Dinitrophenol	14.56	184	88037	73.43	ng	#	64
54) Dibenzofuran	14.81	168	495855	43.71	ng	#	88
55) 4-Nitrophenol	14.67	139	126716	87.43	ng	#	1
56) 2,4-Dinitrotoluene	14.80	165	130442	43.26	ng	#	43
57) Fluorene	15.46	166	416253	41.62	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.05	232	103597	43.18	ng	#	100
59) Diethylphthalate	15.23	149	439907	41.66	ng		97
60) 4-Chlorophenyl-phenylether	15.45	204	213079	39.01	ng		96
61) 4-Nitroaniline	15.52	138	94272	42.75	ng	#	1
62) Azobenzene	15.75	77	715931	55.88	ng		73
64) 4,6-Dinitro-2-methylphenol	15.57	198	70256	37.80	ng	#	71
65) n-Nitrosodiphenylamine	15.67	169	358773	39.26	ng		95
66) 4-Bromophenyl-phenylether	16.35	248	130946	37.44	ng	#	85
67) Hexachlorobenzene	16.46	284	138447	35.66	ng	#	80
68) Atrazine	16.63	200	136811	40.97	ng		98
69) Pentachlorophenol	16.82	266	139131	73.81	ng		95
70) Phenanthrene	17.21	178	682752	40.39	ng		99
71) Anthracene	17.30	178	707940	41.06	ng		99
72) Carbazole	17.58	167	644119	41.85	ng		99
73) Di-n-butylphthalate	18.12	149	817880	41.79	ng	#	96
74) Fluoranthene	19.23	202	864814	39.88	ng		98
76) Benzidine	19.43	184	451567	45.28	ng		98
77) Pyrene	19.59	202	900193	37.92	ng		98
79) Butylbenzylphthalate	20.48	149	430251	43.53	ng	#	57
80) Benzo(a)anthracene	21.34	228	994901	41.51	ng		97
81) 3,3'-Dichlorobenzidine	21.27	252	301019	34.09	ng		97
82) Chrysene	21.39	228	867580	38.60	ng		99
83) Bis(2-ethylhexyl)phthalate	21.24	149	627553	42.52	ng		93
84) Di-n-octyl phthalate	22.13	149	1105201	43.65	ng	#	76
85) Indeno(1,2,3-cd)pyrene	25.97	276	802410	42.35	ng	#	100
87) Benzo(b)fluoranthene	22.96	252	898945	41.05	ng	#	94
88) Benzo(k)fluoranthene	23.00	252	872665	41.93	ng		98
89) Benzo(a)pyrene	23.54	252	805250	41.70	ng		98
90) Dibenzo(a,h)anthracene	25.98	278	691053	40.56	ng	#	94
91) Benzo(g,h,i)perylene	26.69	276	603859	38.46	ng	#	94

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

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