Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
Data File : BM011167.D
Acq On : 08 Aug 2017 00:08
Operator : SJ/JU
Sample : I4592-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
15-50-RT3460-RT4215-RT3451MSD

Manual Integrations APPROVED
Sohil
8/10/2017 6:13:07 PM

Quant Time: Aug 08 03:17:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	161291	20.00	ng		-0.08
21) Naphthalene-d8	10.07	136	698134	20.00	ng		-0.08
38) Acenaphthene-d10	13.98	164	582330	20.00	ng		-0.07
63) Phenanthrene-d10	16.74	188	1786715	20.00	ng		-0.07
75) Chrysene-d12	20.97	240	2227368	20.00	ng		-0.06
86) Perylene-d12	23.05	264	1994956	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	1537626	161.15	ng		-0.07
7) Phenol-d6	6.52	99	2194268	161.86	ng		-0.07
23) Nitrobenzene-d5	8.46	82	2040331	109.69	ng		-0.08
41) 2,4,6-Tribromophenol	15.49	330	1736809	186.08	ng		-0.06
44) 2-Fluorobiphenyl	12.59	172	4562458	98.26	ng		-0.08
78) Terphenyl-d14	19.41	244	10244020	91.10	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	172793	40.335	ng	#	100
3) Pyridine	3.34	79	472657	40.393	ng		88
4) n-Nitrosodimethylamine	3.25	42	319742	53.619	ng	#	75
6) Aniline	6.67	93	510084	29.854	ng	#	83
8) 2-Chlorophenol	6.89	128	480007	49.552	ng	#	75
9) Benzaldehyde	6.48	77	298761	34.061	ng	#	76
10) Phenol	6.55	94	727959	49.438	ng		89
11) bis(2-Chloroethyl)ether	6.77	93	592537	51.646	ng		90
12) 1,3-Dichlorobenzene	7.20	146	497557	42.145	ng	#	75
13) 1,4-Dichlorobenzene	7.35	146	512085	42.317	ng	#	91
14) 1,2-Dichlorobenzene	7.66	146	510062	44.085	ng	#	87
15) Benzyl Alcohol	7.56	79	806472	62.013	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	7.85	45	569904	55.202	ng		76
17) 2-Methylphenol	7.77	107	528529	56.163	ng	#	72
18) Hexachloroethane	8.37	117	230994	43.771	ng	#	80
19) n-Nitroso-di-n-propylamine	8.13	70	714325	62.007	ng	#	90
20) 3+4-Methylphenols	8.10	107	713454	54.539	ng	#	79
22) Acetophenone	8.13	105	1014794	48.492	ng	#	89
24) Nitrobenzene	8.50	77	1003069	52.039	ng	#	83
25) Isophorone	9.03	82	1784704	57.545	ng	#	85
26) 2-Nitrophenol	9.20	139	296305	48.312	ng	#	18
27) 2,4-Dimethylphenol	9.28	122	537471	49.781	ng	#	65
28) bis(2-Chloroethoxy)methane	9.52	93	893979	51.681	ng	#	98
29) 2,4-Dichlorophenol	9.73	162	615790	50.756	ng		89
30) 1,2,4-Trichlorobenzene	9.94	180	702890	46.856	ng		98
31) Naphthalene	10.12	128	1697582	48.336	ng		98
32) Benzoic acid	9.45	122	361271	41.629	ng	#	46
33) 4-Chloroaniline	10.27	127	230746	16.470	ng	#	69
34) Hexachlorobutadiene	10.41	225	556834	47.129	ng		96
35) Caprolactam	11.05	113	199834m	58.082	ng		
36) 4-Chloro-3-methylphenol	11.39	107	907866	57.952	ng	#	69
37) 2-Methylnaphthalene	11.75	142	1414017	54.806	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.13	216	1048617	41.913	ng	#	100
40) Hexachlorocyclopentadiene	12.11	237	322255	22.105	ng		99

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42) 2,4,6-Trichlorophenol	12.39	196	724273	47.829	ng		98
43) 2,4,5-Trichlorophenol	12.46	196	783395	50.229	ng	#	85
45) 1,1'-Biphenyl	12.80	154	2130035	42.302	ng		97
46) 2-Chloronaphthalene	12.83	162	1691028	45.581	ng	#	94
47) 2-Nitroaniline	13.06	65	790992	60.267	ng	#	62
48) Acenaphthylene	13.69	152	2699260	48.753	ng		98
49) Dimethylphthalate	13.46	163	2557790	51.345	ng	#	99
50) 2,6-Dinitrotoluene	13.57	165	550874	54.684	ng	#	43
51) Acenaphthene	14.05	154	1693439	49.397	ng		100
52) 3-Nitroaniline	13.91	138	392068	44.850	ng	#	23
53) 2,4-Dinitrophenol	14.12	184	768893	107.398	ng	#	80
54) Dibenzofuran	14.39	168	3043428	54.789	ng	#	90
55) 4-Nitrophenol	14.24	139	656795	85.517	ng	#	85
56) 2,4-Dinitrotoluene	14.37	165	830813	58.748	ng	#	79
57) Fluorene	15.04	166	2605338	53.870	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.62	232	878272	60.078	ng	#	100
59) Diethylphthalate	14.85	149	2773787	54.521	ng		99
60) 4-Chlorophenyl-phenylether	15.05	204	1543287	52.853	ng		96
61) 4-Nitroaniline	15.08	138	351790	37.887	ng	#	1
62) Azobenzene	15.34	77	3642948	66.905	ng		86
64) 4,6-Dinitro-2-methylphenol	15.14	198	563408	46.579	ng		94
65) n-Nitrosodiphenylamine	15.27	169	2332114	45.609	ng		98
66) 4-Bromophenyl-phenylether	15.94	248	1071784	46.662	ng	#	91
67) Hexachlorobenzene	16.04	284	1136529	43.788	ng	#	86
68) Atrazine	16.24	200	1045112	51.003	ng		97
69) Pentachlorophenol	16.40	266	1568091	95.162	ng		98
70) Phenanthrene	16.78	178	4794534	51.248	ng		100
71) Anthracene	16.87	178	4782966	51.262	ng		99
72) Carbazole	17.16	167	3892980	47.709	ng		98
73) Di-n-butylphthalate	17.74	149	5130129	51.627	ng	#	96
74) Fluoranthene	18.82	202	6481135	55.901	ng		99
76) Benzidine	19.03	184	1225944m	23.007	ng		
77) Pyrene	19.18	202	6716061	50.746	ng		100
79) Butylbenzylphthalate	20.13	149	2480721	52.711	ng	#	67
80) Benzo(a)anthracene	20.95	228	6558931	51.572	ng		99
81) 3,3'-Dichlorobenzidine	20.90	252	1659861	33.269	ng	#	98
82) Chrysene	21.00	228	6163684	50.488	ng		99
83) Bis(2-ethylhexyl)phthalate	20.92	149	3564664	51.487	ng	#	99
84) Di-n-octyl phthalate	21.76	149	5918196	52.668	ng		97
85) Indeno(1,2,3-cd)pyrene	25.09	276	5992531	47.396	ng	#	96
87) Benzo(b)fluoranthene	22.44	252	6645628	51.903	ng	#	92
88) Benzo(k)fluoranthene	22.49	252	6188946	50.432	ng	#	95
89) Benzo(a)pyrene	22.96	252	5960440	51.446	ng	#	96
90) Dibenzo(a,h)anthracene	25.10	278	4756265	44.284	ng	#	91
91) Benzo(g,h,i)perylene	25.71	276	4704031	44.602	ng	#	85

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

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