Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\
Data File : BM015904.D
Acq On : 12 Jul 2018 08:28
Operator : SJ/JU
Sample : J3824-02MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-02-071018MS

Manual Integrations APPROVED
Sohil
7/12/2018 6:47:03 PM

Quant Time: Jul 12 09:18:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	81268	20.00	ng		-0.02
21) Naphthalene-d8	11.12	136	322587	20.00	ng		-0.03
38) Acenaphthene-d10	14.91	164	167673	20.00	ng		-0.02
63) Phenanthrene-d10	17.64	188	326462	20.00	ng		-0.02
75) Chrysene-d12	21.74	240	293802	20.00	ng		-0.02
86) Perylene-d12	24.14	264	283269	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	804739	169.82	ng		-0.02
7) Phenol-d6	7.45	99	956662	147.46	ng		-0.02
23) Nitrobenzene-d5	9.48	82	786138	118.90	ng		-0.02
41) 2,4,6-Tribromophenol	16.39	330	360476	164.54	ng		-0.02
44) 2-Fluorobiphenyl	13.54	172	1579447	116.95	ng		-0.02
78) Terphenyl-d14	20.20	244	1885742	119.05	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	90718	46.289	ng	#	100
3) Pyridine	4.02	79	164936	31.892	ng	#	75
4) n-Nitrosodimethylamine	3.92	42	213553	53.031	ng	#	43
6) Aniline	7.62	93	81046	10.304	ng	#	92
8) 2-Chlorophenol	7.85	128	310725	54.635	ng		96
9) Benzaldehyde	7.43	77	82291	20.126	ng		84
10) Phenol	7.47	94	314186	48.199	ng		95
11) bis(2-Chloroethyl)ether	7.71	93	262412	49.487	ng		88
12) 1,3-Dichlorobenzene	8.17	146	330152	52.358	ng	#	91
13) 1,4-Dichlorobenzene	8.33	146	337809	51.805	ng		95
14) 1,2-Dichlorobenzene	8.65	146	330282	52.373	ng	#	94
15) Benzyl Alcohol	8.55	79	269300	47.815	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.82	45	418319	72.234	ng		99
17) 2-Methylphenol	8.74	107	233887	51.789	ng	#	85
18) Hexachloroethane	9.37	117	144722	56.129	ng		97
19) n-Nitroso-di-n-propylamine	9.11	70	242173	46.449	ng	#	77
20) 3+4-Methylphenols	9.07	107	309856	49.395	ng		88
22) Acetophenone	9.13	105	459216	54.646	ng	#	85
24) Nitrobenzene	9.52	77	383610	59.605	ng		98
25) Isophorone	10.04	82	615825	61.025	ng	#	94
26) 2-Nitrophenol	10.23	139	161251	58.186	ng	#	62
27) 2,4-Dimethylphenol	10.28	122	264789	62.894	ng	#	85
28) bis(2-Chloroethoxy)methane	10.52	93	360878	54.890	ng		99
29) 2,4-Dichlorophenol	10.77	162	277968	59.614	ng		99
30) 1,2,4-Trichlorobenzene	10.97	180	307511	56.780	ng		96
31) Naphthalene	11.17	128	946210	56.575	ng		99
32) Benzoic acid	10.46	122	153007	41.049	ng	#	80
33) 4-Chloroaniline	11.30	127	34792	5.102	ng	#	86
34) Hexachlorobutadiene	11.42	225	200476	55.466	ng		99
35) Caprolactam	12.09	113	58802m	38.026	ng		
36) 4-Chloro-3-methylphenol	12.39	107	286375	53.526	ng		85
37) 2-Methylnaphthalene	12.76	142	690906	58.072	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	328901	61.117	ng	#	100
40) Hexachlorocyclopentadiene	13.08	237	377950	142.075	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.36	196	202180	59.434	ng		99
43) 2,4,5-Trichlorophenol	13.44	196	206019	56.064	ng	#	86
45) 1,1'-Biphenyl	13.75	154	849379	58.590	ng		99
46) 2-Chloronaphthalene	13.80	162	659567	60.851	ng	#	91
47) 2-Nitroaniline	14.01	65	204525	54.109	ng	#	77
48) Acenaphthylene	14.64	152	1021037	57.907	ng		99
49) Dimethylphthalate	14.36	163	774453	52.372	ng		100
50) 2,6-Dinitrotoluene	14.50	165	160442	55.646	ng	#	64
51) Acenaphthene	14.97	154	594266	54.162	ng		97
52) 3-Nitroaniline	14.83	138	50288	15.935	ng	#	71
53) 2,4-Dinitrophenol	15.04	184	151386	102.742	ng	#	78
54) Dibenzofuran	15.31	168	940314	55.617	ng	#	86
55) 4-Nitrophenol	15.13	139	212873	91.397	ng	#	78
56) 2,4-Dinitrotoluene	15.29	165	220173	52.893	ng		97
57) Fluorene	15.95	166	731615	52.476	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.53	232	170099	54.855	ng	#	100
59) Diethylphthalate	15.70	149	782845	49.401	ng		95
60) 4-Chlorophenyl-phenylether	15.93	204	365452	50.941	ng	#	88
61) 4-Nitroaniline	15.99	138	122143	37.308	ng	#	33
62) Azobenzene	16.23	77	852880	57.416	ng		80
64) 4,6-Dinitro-2-methylphenol	16.04	198	100924	50.853	ng	#	83
65) n-Nitrosodiphenylamine	16.15	169	579444	51.799	ng		97
66) 4-Bromophenyl-phenylether	16.82	248	209189	57.390	ng	#	79
67) Hexachlorobenzene	16.94	284	231724	56.891	ng	#	75
68) Atrazine	17.09	200	153353	41.678	ng		99
69) Pentachlorophenol	17.29	266	236395	93.794	ng		99
70) Phenanthrene	17.68	178	1046898	56.052	ng		99
71) Anthracene	17.77	178	1058137	57.690	ng		98
72) Carbazole	18.04	167	873712	51.118	ng		98
73) Di-n-butylphthalate	18.56	149	1246799	54.120	ng	#	97
74) Fluoranthene	19.66	202	1087922	50.668	ng		99
76) Benzidine	19.84	184	120545	14.004	ng		99
77) Pyrene	20.02	202	1088814	59.493	ng		99
79) Butylbenzylphthalate	20.87	149	521877	58.991	ng	#	83
80) Benzo(a)anthracene	21.73	228	1034297	55.524	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	158411	23.669	ng		96
82) Chrysene	21.79	228	962885	55.489	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	746522	57.111	ng		95
84) Di-n-octyl phthalate	22.53	149	1220020	57.240	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.61	276	1196972	74.244	ng	#	93
87) Benzo(b)fluoranthene	23.42	252	1044332	55.220	ng	#	96
88) Benzo(k)fluoranthene	23.46	252	941387	51.241	ng		99
89) Benzo(a)pyrene	24.04	252	957099	57.490	ng		99
90) Dibenzo(a,h)anthracene	26.61	278	1031524	68.866	ng		97
91) Benzo(g,h,i)perylene	27.36	276	965181	73.337	ng		95

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

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