Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015234.D
Acq On : 22 May 2018 11:25
Operator : SJ/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
5/23/2018 10:11:13 AM

Quant Time: May 22 15:09:04 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM052218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 22 13:50:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	196276	20.00	ng		0.00
21) Naphthalene-d8	11.25	136	826351	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	446334	20.00	ng		0.00
63) Phenanthrene-d10	17.74	188	953527	20.00	ng		0.00
75) Chrysene-d12	21.83	240	910104	20.00	ng		0.00
86) Perylene-d12	24.27	264	896048	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	54573	4.85	ng		0.00
7) Phenol-d6	7.55	99	71025	4.45	ng		0.00
23) Nitrobenzene-d5	9.59	82	66713	3.61	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	21419	3.38	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	177854	4.97	ng		0.00
78) Terphenyl-d14	20.29	244	204061	4.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	12286	2.655	ng	#	100
3) Pyridine	4.10	79	27769m	2.167	ng		
4) n-Nitrosodimethylamine	3.99	42	14775	1.810	ng	#	64
6) Aniline	7.72	93	44543	2.191	ng		96
8) 2-Chlorophenol	7.96	128	31441	2.457	ng		95
9) Benzaldehyde	7.54	77	26794	2.334	ng		95
10) Phenol	7.57	94	36936	2.346	ng	#	77
11) bis(2-Chloroethyl)ether	7.82	93	31700	2.547	ng		92
12) 1,3-Dichlorobenzene	8.29	146	38764	2.423	ng	#	94
13) 1,4-Dichlorobenzene	8.45	146	39058	2.430	ng	#	95
14) 1,2-Dichlorobenzene	8.77	146	37045	2.290	ng		96
15) Benzyl Alcohol	8.66	79	24541	1.661	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.93	45	51269	4.050	ng		97
17) 2-Methylphenol	8.85	107	24096	2.000	ng	#	92
18) Hexachloroethane	9.50	117	12900	1.857	ng		90
19) n-Nitroso-di-n-propylamine	9.22	70	22704	1.653	ng		92
20) 3+4-Methylphenols	9.18	107	31519	1.806	ng		98
22) Acetophenone	9.25	105	46642	1.963	ng	#	97
24) Nitrobenzene	9.64	77	36229	1.902	ng		99
25) Isophorone	10.16	82	55573	1.813	ng		98
27) 2,4-Dimethylphenol	10.40	122	28064	2.563	ng		99
28) bis(2-Chloroethoxy)methane	10.63	93	40560	2.581	ng		98
29) 2,4-Dichlorophenol	10.89	162	25975	2.123	ng		97
30) 1,2,4-Trichlorobenzene	11.10	180	34374	2.131	ng		99
31) Naphthalene	11.29	128	107144	2.368	ng		100
33) 4-Chloroaniline	11.40	127	38269	2.035	ng	#	90
34) Hexachlorobutadiene	11.56	225	20415	1.845	ng		92
36) 4-Chloro-3-methylphenol	12.49	107	26047	1.718	ng		94
37) 2-Methylnaphthalene	12.87	142	72623	2.131	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	37268	2.383	ng	#	100
42) 2,4,6-Trichlorophenol	13.47	196	18592	2.024	ng		94
43) 2,4,5-Trichlorophenol	13.54	196	21285	2.098	ng	#	93
45) 1,1'-Biphenyl	13.86	154	95618	2.473	ng		97
46) 2-Chloronaphthalene	13.91	162	71701	2.443	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Acenaphthylene	14.75	152	98571	2.048	ng		99
49) Dimethylphthalate	14.46	163	84691	2.120	ng	#	98
50) 2,6-Dinitrotoluene	14.59	165	14152	1.726	ng	#	87
51) Acenaphthene	15.08	154	67235	2.266	ng		96
54) Dibenzofuran	15.41	168	110324	2.380	ng		95
57) Fluorene	16.06	166	83263	2.042	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	18118	1.813	ng	#	100
59) Diethylphthalate	15.80	149	82022	1.849	ng		97
60) 4-Chlorophenyl-phenylether	16.04	204	43822	2.067	ng		96
62) Azobenzene	16.33	77	67185	1.459	ng		90
65) n-Nitrosodiphenylamine	16.25	169	69006	2.292	ng		99
66) 4-Bromophenyl-phenylether	16.92	248	24613	2.202	ng	#	87
67) Hexachlorobenzene	17.04	284	30222	2.463	ng	#	87
68) Atrazine	17.17	200	20716	1.835	ng		95
70) Phenanthrene	17.78	178	134127	2.332	ng		99
71) Anthracene	17.87	178	121632	2.170	ng		98
72) Carbazole	18.13	167	102338	1.943	ng		98
73) Di-n-butylphthalate	18.66	149	109067	1.618	ng	#	97
74) Fluoranthene	19.75	202	134185	1.982	ng		98
76) Benzidine	19.92	184	58329	2.152	ng		100
77) Pyrene	20.11	202	138526	2.191	ng		99
79) Butylbenzylphthalate	20.96	149	43561	1.530	ng		97
80) Benzo(a)anthracene	21.82	228	137133	2.319	ng		99
81) 3,3'-Dichlorobenzidine	21.74	252	46462	2.102	ng		98
82) Chrysene	21.87	228	132641	2.312	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	64594	1.555	ng		97
85) Indeno(1,2,3-cd)pyrene	26.79	276	145358	3.223	ng	#	91
87) Benzo(b)fluoranthene	23.53	252	133034	2.140	ng		98
88) Benzo(k)fluoranthene	23.57	252	128674	2.177	ng		94
89) Benzo(a)pyrene	24.17	252	119912	2.188	ng	#	94
90) Dibenzo(a,h)anthracene	26.80	278	122942	2.746	ng		99
91) Benzo(g,h,i)perylene	27.57	276	122950	2.937	ng	#	92

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

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