Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
Data File : BM015766.D
Acq On : 05 Jul 2018 14:11
Operator : SJ/JU
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
7/6/2018 5:21:27 PM

Quant Time: Jul 05 15:47:06 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 15:37:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	97875	20.00	ng		0.00
21) Naphthalene-d8	11.14	136	445837	20.00	ng		0.00
38) Acenaphthene-d10	14.93	164	260357	20.00	ng		0.00
63) Phenanthrene-d10	17.66	188	574700	20.00	ng		0.00
75) Chrysene-d12	21.77	240	606740	20.00	ng		0.00
86) Perylene-d12	24.17	264	543332	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.82	112	289268	50.27	ng		0.00
7) Phenol-d6	7.46	99	396857	45.63	ng		0.00
23) Nitrobenzene-d5	9.50	82	468958	57.21	ng		0.00
41) 2,4,6-Tribromophenol	16.41	330	169166	45.21	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	1030014	53.12	ng		0.00
78) Terphenyl-d14	20.22	244	1609225	61.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	60406	28.149	ng	#	100
3) Pyridine	4.02	79	160555m	25.735	ng		
4) n-Nitrosodimethylamine	3.93	42	119254	34.166	ng	#	47
6) Aniline	7.63	93	244422	22.155	ng		92
8) 2-Chlorophenol	7.87	128	173328	24.314	ng		95
9) Benzaldehyde	7.45	77	137054	24.758	ng		93
10) Phenol	7.49	94	200419	22.721	ng		91
11) bis(2-Chloroethyl)ether	7.73	93	157443	22.861	ng		89
12) 1,3-Dichlorobenzene	8.20	146	191916	25.185	ng	#	91
13) 1,4-Dichlorobenzene	8.35	146	196780	25.304	ng	#	94
14) 1,2-Dichlorobenzene	8.67	146	192091	25.277	ng		93
15) Benzyl Alcohol	8.56	79	170939	24.558	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.85	45	179531	15.686	ng		98
17) 2-Methylphenol	8.76	107	140486	22.638	ng	#	87
18) Hexachloroethane	9.40	117	78384	27.366	ng		97
19) n-Nitroso-di-n-propylamine	9.13	70	160179	24.359	ng	#	79
20) 3+4-Methylphenols	9.09	107	194894	22.710	ng		89
22) Acetophenone	9.16	105	294693	26.871	ng	#	88
24) Nitrobenzene	9.55	77	226864	26.402	ng		99
25) Isophorone	10.06	82	354741	21.481	ng	#	95
26) 2-Nitrophenol	10.26	139	92385	23.842	ng	#	64
27) 2,4-Dimethylphenol	10.30	122	145048	19.950	ng		88
28) bis(2-Chloroethoxy)methane	10.54	93	233638	24.068	ng		99
29) 2,4-Dichlorophenol	10.79	162	167223	24.676	ng		98
30) 1,2,4-Trichlorobenzene	11.00	180	187236	25.725	ng		98
31) Naphthalene	11.19	128	578593	25.040	ng		99
32) Benzoic acid	10.45	122	125459m	24.337	ng		
33) 4-Chloroaniline	11.30	127	242516	23.654	ng	#	89
34) Hexachlorobutadiene	11.45	225	124093	29.343	ng		98
35) Caprolactam	12.10	113	52911	20.365	ng		91
36) 4-Chloro-3-methylphenol	12.41	107	190278	23.618	ng		88
37) 2-Methylnaphthalene	12.78	142	414405	23.863	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	206404	25.713	ng	#	100
40) Hexachlorocyclopentadiene	13.10	237	65974	16.901	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	135736	24.957	ng		99
43) 2,4,5-Trichlorophenol	13.46	196	143492	24.030	ng	#	86
45) 1,1'-Biphenyl	13.77	154	561919	26.112	ng		98
46) 2-Chloronaphthalene	13.82	162	422372	25.600	ng	#	90
47) 2-Nitroaniline	14.03	65	144450	26.492	ng	#	79
48) Acenaphthylene	14.66	152	695275	26.281	ng		99
49) Dimethylphthalate	14.38	163	575905	25.762	ng		100
50) 2,6-Dinitrotoluene	14.52	165	116345	24.478	ng	#	71
51) Acenaphthene	15.00	154	422213	26.165	ng		97
52) 3-Nitroaniline	14.85	138	121906	24.151	ng	#	80
53) 2,4-Dinitrophenol	15.07	184	42413	16.161	ng	#	88
54) Dibenzofuran	15.33	168	658452	25.351	ng	#	88
55) 4-Nitrophenol	15.15	139	88831	19.926	ng	#	71
56) 2,4-Dinitrotoluene	15.30	165	157493	23.852	ng		95
57) Fluorene	15.97	166	542634	25.393	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.55	232	121676	22.027	ng	#	100
59) Diethylphthalate	15.73	149	619259	26.837	ng		96
60) 4-Chlorophenyl-phenylether	15.95	204	275508	25.939	ng	#	87
61) 4-Nitroaniline	16.00	138	127479	22.806	ng	#	39
62) Azobenzene	16.25	77	596161	27.734	ng		81
64) 4,6-Dinitro-2-methylphenol	16.06	198	83607	25.255	ng		88
65) n-Nitrosodiphenylamine	16.17	169	494448	27.861	ng		98
66) 4-Bromophenyl-phenylether	16.84	248	159494	25.918	ng	#	79
67) Hexachlorobenzene	16.96	284	179517	25.368	ng	#	75
68) Atrazine	17.10	200	169181	27.377	ng		98
69) Pentachlorophenol	17.31	266	106401	25.599	ng		98
70) Phenanthrene	17.70	178	811243	25.024	ng		99
71) Anthracene	17.79	178	806357	24.288	ng		98
72) Carbazole	18.06	167	752556	24.463	ng		97
73) Di-n-butylphthalate	18.58	149	1011414	26.265	ng	#	98
74) Fluoranthene	19.68	202	924695	23.711	ng		99
76) Benzidine	19.86	184	370493	17.939	ng		99
77) Pyrene	20.04	202	962320	26.242	ng		99
79) Butylbenzylphthalate	20.89	149	464939	26.358	ng	#	84
80) Benzo(a)anthracene	21.75	228	950370	24.602	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	353015	23.215	ng		98
82) Chrysene	21.80	228	892301	24.905	ng		100
83) Bis(2-ethylhexyl)phthalate	21.63	149	689914	26.434	ng		95
84) Di-n-octyl phthalate	22.55	149	1112150	24.430	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.64	276	809812	16.602	ng	#	93
87) Benzo(b)fluoranthene	23.44	252	908307	27.534	ng	#	96
88) Benzo(k)fluoranthene	23.49	252	865260	27.563	ng		99
89) Benzo(a)pyrene	24.06	252	790604	24.797	ng		99
90) Dibenzo(a,h)anthracene	26.65	278	702659	21.213	ng		97
91) Benzo(g,h,i)perylene	27.41	276	619699	19.294	ng	#	92

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

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