Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
Data File : BM015765.D
Acq On : 05 Jul 2018 13:34
Operator : SJ/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
7/6/2018 5:21:25 PM

Quant Time: Jul 05 15:45:18 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	88837	20.00	ng		0.00
21) Naphthalene-d8	11.14	136	399973	20.00	ng		0.00
38) Acenaphthene-d10	14.93	164	238803	20.00	ng		0.00
63) Phenanthrene-d10	17.66	188	535593	20.00	ng		0.00
75) Chrysene-d12	21.76	240	573633	20.00	ng		0.00
86) Perylene-d12	24.17	264	536312	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.82	112	98220	18.81	ng		0.00
7) Phenol-d6	7.46	99	134465	17.03	ng		0.00
23) Nitrobenzene-d5	9.50	82	157786	21.46	ng		0.00
41) 2,4,6-Tribromophenol	16.41	330	56929	16.59	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	362260	20.37	ng		0.00
78) Terphenyl-d14	20.22	244	570400	22.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	21492	11.034	ng	#	100
3) Pyridine	4.03	79	55250m	9.757	ng		
4) n-Nitrosodimethylamine	3.93	42	43295m	13.666	ng		
6) Aniline	7.63	93	83308	8.319	ng		92
8) 2-Chlorophenol	7.87	128	59985	9.271	ng		93
9) Benzaldehyde	7.45	77	50863	10.123	ng		92
10) Phenol	7.49	94	68309	8.532	ng		91
11) bis(2-Chloroethyl)ether	7.73	93	58173	9.306	ng		87
12) 1,3-Dichlorobenzene	8.20	146	67193	9.715	ng	#	91
13) 1,4-Dichlorobenzene	8.35	146	70521	9.991	ng	#	93
14) 1,2-Dichlorobenzene	8.67	146	67900	9.844	ng		96
15) Benzyl Alcohol	8.56	79	58042	9.187	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.83	45	62796	6.045	ng		99
17) 2-Methylphenol	8.76	107	47819	8.489	ng	#	86
18) Hexachloroethane	9.40	117	26838	10.323	ng		90
19) n-Nitroso-di-n-propylamine	9.13	70	54991	9.213	ng	#	82
20) 3+4-Methylphenols	9.09	107	66801	8.576	ng		88
22) Acetophenone	9.16	105	102141	10.381	ng	#	89
24) Nitrobenzene	9.55	77	78849	10.228	ng		97
25) Isophorone	10.06	82	119753	8.083	ng	#	92
26) 2-Nitrophenol	10.26	139	29265	8.418	ng	#	58
27) 2,4-Dimethylphenol	10.30	122	53581	8.214	ng		90
28) bis(2-Chloroethoxy)methane	10.54	93	80754	9.273	ng		98
29) 2,4-Dichlorophenol	10.79	162	55857	9.188	ng		98
30) 1,2,4-Trichlorobenzene	11.00	180	64890	9.938	ng		96
31) Naphthalene	11.19	128	206302	9.952	ng		98
32) Benzoic acid	10.42	122	38396m	8.302	ng		
33) 4-Chloroaniline	11.31	127	80405	8.741	ng	#	86
34) Hexachlorobutadiene	11.45	225	43526	11.472	ng		96
35) Caprolactam	12.09	113	16585	7.115	ng		96
36) 4-Chloro-3-methylphenol	12.41	107	64085	8.867	ng		90
37) 2-Methylnaphthalene	12.78	142	144871	9.299	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	72944	9.907	ng	#	100
40) Hexachlorocyclopentadiene	13.10	237	14640	4.089	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	44784	8.977	ng		99
43) 2,4,5-Trichlorophenol	13.46	196	48344	8.827	ng	#	83
45) 1,1'-Biphenyl	13.77	154	199682	10.117	ng		98
46) 2-Chloronaphthalene	13.82	162	148797	9.833	ng	#	90
47) 2-Nitroaniline	14.03	65	46231	9.244	ng	#	79
48) Acenaphthylene	14.66	152	244728	10.086	ng		99
49) Dimethylphthalate	14.38	163	208408	10.164	ng		97
50) 2,6-Dinitrotoluene	14.52	165	39613	9.087	ng	#	75
51) Acenaphthene	15.00	154	152636	10.313	ng		98
52) 3-Nitroaniline	14.85	138	39428	8.516	ng	#	80
53) 2,4-Dinitrophenol	15.07	184	11346	4.714	ng	#	84
54) Dibenzofuran	15.33	168	236737	9.937	ng	#	88
55) 4-Nitrophenol	15.16	139	25991	6.356	ng	#	82
56) 2,4-Dinitrotoluene	15.30	165	52767	8.713	ng		97
57) Fluorene	15.97	166	189152	9.650	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.55	232	42615	8.411	ng	#	100
59) Diethylphthalate	15.72	149	220658	10.426	ng		96
60) 4-Chlorophenyl-phenylether	15.95	204	98124	10.072	ng	#	88
61) 4-Nitroaniline	16.00	138	41550	8.104	ng	#	31
62) Azobenzene	16.24	77	208869	10.594	ng		81
64) 4,6-Dinitro-2-methylphenol	16.06	198	25516	8.270	ng		84
65) n-Nitrosodiphenylamine	16.17	169	178076	10.767	ng		99
66) 4-Bromophenyl-phenylether	16.84	248	56432	9.840	ng	#	83
67) Hexachlorobenzene	16.96	284	63774	9.670	ng	#	81
68) Atrazine	17.10	200	59739	10.373	ng		94
69) Pentachlorophenol	17.31	266	34008	8.779	ng		98
70) Phenanthrene	17.70	178	298396	9.876	ng		99
71) Anthracene	17.79	178	283407	9.160	ng		98
72) Carbazole	18.06	167	270137	9.422	ng		98
73) Di-n-butylphthalate	18.57	149	356833	9.943	ng	#	97
74) Fluoranthene	19.68	202	337545	9.287	ng		99
76) Benzidine	19.86	184	159870	8.188	ng		99
77) Pyrene	20.04	202	352504	10.167	ng		99
79) Butylbenzylphthalate	20.89	149	165531	9.926	ng	#	86
80) Benzo(a)anthracene	21.75	228	355094	9.723	ng		100
81) 3,3'-Dichlorobenzidine	21.67	252	126125	8.773	ng		98
82) Chrysene	21.80	228	334668	9.880	ng		99
83) Bis(2-ethylhexyl)phthalate	21.63	149	241063	9.769	ng		95
84) Di-n-octyl phthalate	22.55	149	384303	8.929	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.64	276	305210	6.618	ng	#	93
87) Benzo(b)fluoranthene	23.44	252	346897	10.653	ng	#	97
88) Benzo(k)fluoranthene	23.49	252	326908	10.550	ng		99
89) Benzo(a)pyrene	24.06	252	298763	9.493	ng		99
90) Dibenzo(a,h)anthracene	26.64	278	262339	8.023	ng		96
91) Benzo(g,h,i)perylene	27.41	276	238172	7.513	ng		95

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

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