Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
Data File : BM016483.D
Acq On : 21 Aug 2018 13:21
Operator : SJ/JU
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
8/22/2018 6:06:47 PM

Quant Time: Aug 21 15:07:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 14:43:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	137626	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	543775	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	364531	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	1104248	20.00	ng		0.00
75) Chrysene-d12	21.54	240	1634065	20.00	ng		0.00
86) Perylene-d12	23.84	264	1863354	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	349648m	42.70	ng		0.00
7) Phenol-d6	7.20	99	453031m	41.16	ng		0.00
23) Nitrobenzene-d5	9.21	82	584797	44.79	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	449068	81.56	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	1707296	48.70	ng		0.00
78) Terphenyl-d14	19.99	244	3812218	35.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	89464	21.815	ng	#	100
3) Pyridine	3.81	79	178551	21.626	ng	#	80
4) n-Nitrosodimethylamine	3.73	42	85017m	8.937	ng		
6) Aniline	7.36	93	246936	21.680	ng	#	87
8) 2-Chlorophenol	7.59	128	202350	20.042	ng		98
9) Benzaldehyde	7.17	77	171294m	23.667	ng		
10) Phenol	7.23	94	210237	19.718	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	165634	20.462	ng		98
12) 1,3-Dichlorobenzene	7.90	146	260795	22.538	ng	#	88
13) 1,4-Dichlorobenzene	8.06	146	266655	22.796	ng		97
14) 1,2-Dichlorobenzene	8.37	146	257093	22.373	ng	#	95
15) Benzyl Alcohol	8.29	79	225708m	22.591	ng		
16) 2,2'-oxybis(1-Chloropropan	8.53	45	114187	11.206	ng	#	50
17) 2-Methylphenol	8.48	107	155672	20.205	ng	#	77
18) Hexachloroethane	9.09	117	126501	21.000	ng	#	63
19) n-Nitroso-di-n-propylamine	8.84	70	169104	20.235	ng	#	84
20) 3+4-Methylphenols	8.82	107	211663	19.991	ng	#	80
22) Acetophenone	8.87	105	313189	21.475	ng	#	94
24) Nitrobenzene	9.25	77	293886	23.350	ng		93
25) Isophorone	9.77	82	391444	22.478	ng	#	92
26) 2-Nitrophenol	9.97	139	119353m	22.542	ng		
27) 2,4-Dimethylphenol	10.02	122	169645m	23.968	ng		
28) bis(2-Chloroethoxy)methane	10.25	93	229347m	22.767	ng		
29) 2,4-Dichlorophenol	10.50	162	238662m	24.942	ng		
30) 1,2,4-Trichlorobenzene	10.69	180	356557	31.511	ng		95
31) Naphthalene	10.88	128	628671	22.795	ng		99
32) Benzoic acid	10.19	122	130937m	22.775	ng		
33) 4-Chloroaniline	11.02	127	277170m	23.450	ng		
34) Hexachlorobutadiene	11.13	225	339098	34.766	ng		95
35) Caprolactam	11.82	113	54450m	22.196	ng		
36) 4-Chloro-3-methylphenol	12.14	107	232001m	21.262	ng		
37) 2-Methylnaphthalene	12.49	142	491951	24.045	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	488511	32.735	ng	#	100
40) Hexachlorocyclopentadiene	12.81	237	135042	29.162	ng		93

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42) 2,4,6-Trichlorophenol	13.11	196	299655	32.128	ng		99
43) 2,4,5-Trichlorophenol	13.19	196	292324	32.125	ng	#	94
45) 1,1'-Biphenyl	13.50	154	762573	22.601	ng		100
46) 2-Chloronaphthalene	13.55	162	608480	23.117	ng		94
47) 2-Nitroaniline	13.77	65	162657	17.820	ng		86
48) Acenaphthylene	14.39	152	867108	21.908	ng		98
49) Dimethylphthalate	14.13	163	834382	23.341	ng	#	99
50) 2,6-Dinitrotoluene	14.27	165	168927	24.897	ng	#	71
51) Acenaphthene	14.73	154	535657	22.426	ng		96
52) 3-Nitroaniline	14.60	138	153344m	22.938	ng		
53) 2,4-Dinitrophenol	14.85	184	75019m	25.350	ng		
54) Dibenzofuran	15.06	168	989780	23.518	ng	#	87
55) 4-Nitrophenol	14.93	139	94017m	21.531	ng		
56) 2,4-Dinitrotoluene	15.07	165	251035	22.134	ng	#	93
57) Fluorene	15.71	166	740519	23.030	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.30	232	284715	33.395	ng	#	100
59) Diethylphthalate	15.47	149	875778	21.590	ng		99
60) 4-Chlorophenyl-phenylether	15.70	204	641803	31.550	ng		91
61) 4-Nitroaniline	15.77	138	140431	21.727	ng	#	1
62) Azobenzene	15.99	77	982505	21.003	ng		91
64) 4,6-Dinitro-2-methylphenol	15.83	198	192178	24.957	ng	#	65
65) n-Nitrosodiphenylamine	15.92	169	732819	19.612	ng		99
66) 4-Bromophenyl-phenylether	16.59	248	397160	26.741	ng		93
67) Hexachlorobenzene	16.71	284	470221	32.262	ng	#	94
68) Atrazine	16.86	200	368044	26.868	ng		89
69) Pentachlorophenol	17.06	266	241127	28.894	ng		94
70) Phenanthrene	17.44	178	1351965	21.610	ng		98
71) Anthracene	17.54	178	1297751	20.895	ng		98
72) Carbazole	17.82	167	1194339	19.868	ng		96
73) Di-n-butylphthalate	18.34	149	1516725	17.581	ng	#	97
74) Fluoranthene	19.44	202	1974051	26.120	ng		96
76) Benzidine	19.64	184	733724	20.401	ng		98
77) Pyrene	19.81	202	2123649	19.694	ng		99
79) Butylbenzylphthalate	20.67	149	754415	14.928	ng	#	79
80) Benzo(a)anthracene	21.53	228	2303478	21.788	ng		99
81) 3,3'-Dichlorobenzidine	21.46	252	1025037	27.234	ng	#	97
82) Chrysene	21.59	228	2170048	21.841	ng		99
83) Bis(2-ethylhexyl)phthalate	21.43	149	1111387	15.416	ng	#	93
84) Di-n-octyl phthalate	22.31	149	1845430	17.066	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.16	276	3160182	38.885	ng	#	94
87) Benzo(b)fluoranthene	23.15	252	2507038	20.312	ng	#	90
88) Benzo(k)fluoranthene	23.19	252	2545716	20.638	ng	#	93
89) Benzo(a)pyrene	23.74	252	2430527	21.755	ng	#	95
90) Dibenzo(a,h)anthracene	26.16	278	2704523	26.994	ng	#	88
91) Benzo(g,h,i)perylene	26.88	276	2482853	27.573	ng	#	82

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

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