Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082418\
Data File : BM016579.D
Acq On : 24 Aug 2018 09:38
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/27/2018 9:46:05 AM

Quant Time: Aug 24 11:20:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 24 10:59:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	101410	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	406246	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	316440	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	1063202	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1580576	20.00	ng	0.00
86) Perylene-d12	23.82	264	1690436	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	361958	69.94	ng	0.00
7) Phenol-d6	7.18	99	489865	71.53	ng	0.00
23) Nitrobenzene-d5	9.20	82	754299	84.78	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	701743	79.33	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2809608	85.35	ng	0.00
78) Terphenyl-d14	19.98	244	7006529	93.83	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	111353	38.948	ng	# 100
3) Pyridine	3.80	79	217930	36.637	ng	# 83
4) n-Nitrosodimethylamine	3.72	42	98335	37.108	ng	# 71
6) Aniline	7.35	93	286638	37.405	ng	92
8) 2-Chlorophenol	7.57	128	236934	38.477	ng	98
9) Benzaldehyde	7.16	77	189716	39.919	ng	# 77
10) Phenol	7.21	94	240071	35.449	ng	90
11) bis(2-Chloroethyl)ether	7.44	93	183319	36.098	ng	96
12) 1,3-Dichlorobenzene	7.89	146	298925	36.614	ng	# 89
13) 1,4-Dichlorobenzene	8.04	146	302062	36.052	ng	95
14) 1,2-Dichlorobenzene	8.36	146	311839	37.884	ng	94
15) Benzyl Alcohol	8.27	79	251505	39.548	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	8.53	45	120454	34.446	ng	# 37
17) 2-Methylphenol	8.47	107	179147	36.529	ng	# 76
18) Hexachloroethane	9.07	117	157063	40.690	ng	# 45
19) n-Nitroso-di-n-propylamine	8.83	70	204561	38.100	ng	# 85
20) 3+4-Methylphenols	8.80	107	238833	35.222	ng	# 82
22) Acetophenone	8.86	105	378019	38.643	ng	# 95
24) Nitrobenzene	9.24	77	343938	38.689	ng	# 89
25) Isophorone	9.75	82	472822	39.762	ng	# 94
26) 2-Nitrophenol	9.95	139	145756m	38.352	ng	
27) 2,4-Dimethylphenol	10.00	122	186589	37.674	ng	# 83
28) bis(2-Chloroethoxy)methane	10.23	93	262340	36.957	ng	# 97
29) 2,4-Dichlorophenol	10.48	162	319481	43.100	ng	92
30) 1,2,4-Trichlorobenzene	10.67	180	521580	46.372	ng	# 95
31) Naphthalene	10.86	128	739188	38.191	ng	99
32) Benzoic acid	10.20	122	140884m	33.998	ng	
33) 4-Chloroaniline	11.00	127	312109	38.316	ng	# 84
34) Hexachlorobutadiene	11.11	225	532101	49.565	ng	97
35) Caprolactam	11.82	113	66509	37.393	ng	# 69
36) 4-Chloro-3-methylphenol	12.12	107	260398	36.541	ng	93
37) 2-Methylnaphthalene	12.47	142	598429	39.494	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	769182	43.039	ng	# 100
40) Hexachlorocyclopentadiene	12.79	237	287839	44.197	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	462465	43.273	ng		98
43) 2,4,5-Trichlorophenol	13.17	196	434131	41.586	ng	#	96
45) 1,1'-Biphenyl	13.48	154	971058	34.997	ng		97
46) 2-Chloronaphthalene	13.53	162	826283	36.654	ng		98
47) 2-Nitroaniline	13.76	65	203195	33.841	ng	#	78
48) Acenaphthylene	14.37	152	1118378	35.147	ng		99
49) Dimethylphthalate	14.12	163	1160251	38.164	ng	#	98
50) 2,6-Dinitrotoluene	14.26	165	243326	41.035	ng	#	82
51) Acenaphthene	14.72	154	698663	35.739	ng		97
52) 3-Nitroaniline	14.59	138	180478	33.450	ng	#	67
53) 2,4-Dinitrophenol	14.83	184	124073	41.811	ng	#	70
54) Dibenzofuran	15.05	168	1454929	38.878	ng		92
55) 4-Nitrophenol	14.92	139	139567	40.556	ng	#	80
56) 2,4-Dinitrotoluene	15.05	165	371552	37.576	ng	#	95
57) Fluorene	15.70	166	1076154	38.066	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.29	232	439211	43.774	ng	#	100
59) Diethylphthalate	15.46	149	1138667	35.921	ng	#	92
60) 4-Chlorophenyl-phenylether	15.69	204	1025577	43.259	ng	#	84
61) 4-Nitroaniline	15.76	138	176784	33.526	ng	#	1
62) Azobenzene	15.98	77	1291690	38.258	ng		89
64) 4,6-Dinitro-2-methylphenol	15.82	198	266932	33.042	ng	#	56
65) n-Nitrosodiphenylamine	15.91	169	1043740	34.896	ng		97
66) 4-Bromophenyl-phenylether	16.57	248	645060	39.486	ng		100
67) Hexachlorobenzene	16.69	284	739691	38.826	ng		93
68) Atrazine	16.85	200	552442	40.472	ng		91
69) Pentachlorophenol	17.05	266	375799	37.281	ng		99
70) Phenanthrene	17.43	178	2009332	36.565	ng		99
71) Anthracene	17.53	178	1940133	35.555	ng		100
72) Carbazole	17.80	167	1665771	33.969	ng		99
73) Di-n-butylphthalate	18.33	149	2003840	33.517	ng	#	97
74) Fluoranthene	19.43	202	3056448	37.934	ng		94
76) Benzidine	19.63	184	1103431	36.302	ng		97
77) Pyrene	19.79	202	3291209	38.315	ng		99
79) Butylbenzylphthalate	20.66	149	1005102	33.899	ng	#	79
80) Benzo(a)anthracene	21.52	228	3582432	38.552	ng		99
81) 3,3'-Dichlorobenzidine	21.45	252	1499755	36.258	ng	#	96
82) Chrysene	21.57	228	3338062	37.649	ng		99
83) Bis(2-ethylhexyl)phthalate	21.41	149	1493443	33.882	ng	#	96
84) Di-n-octyl phthalate	22.29	149	2457165	33.545	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.13	276	4446315	34.871	ng	#	92
87) Benzo(b)fluoranthene	23.13	252	3763084	38.617	ng	#	91
88) Benzo(k)fluoranthene	23.17	252	3732798	37.648	ng	#	92
89) Benzo(a)pyrene	23.72	252	3593159	37.896	ng	#	94
90) Dibenzo(a,h)anthracene	26.13	278	3730905	35.111	ng	#	87
91) Benzo(g,h,i)perylene	26.84	276	3341517	35.032	ng	#	81

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

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