Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018321.D
Acq On : 20 Dec 2018 06:38
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/20/2018 2:55:20 PM

Quant Time: Dec 20 13:56:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	118736	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	518524	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	307024	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	680145	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	598609	20.00	ng	-0.01
87) Perylene-d12	23.29	264	576444	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	584307	82.21	ng	-0.01
7) Phenol-d6	6.69	99	834834	84.50	ng	-0.02
23) Nitrobenzene-d5	8.65	82	924496	91.45	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	370362	82.19	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	2001129	84.42	ng	-0.02
79) Terphenyl-d14	19.56	244	2506908	94.72	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	114830	40.783	ng	98
3) Pyridine	3.50	79	360750	43.551	ng	97
4) n-Nitrosodimethylamine	3.42	42	123555	43.336	ng	98
6) Aniline	6.83	93	517760	41.777	ng	100
8) 2-Chlorophenol	7.06	128	350901	41.784	ng	96
9) Benzaldehyde	6.65	77	253611	42.115	ng	95
10) Phenol	6.72	94	439047	41.963	ng	98
11) bis(2-Chloroethyl)ether	6.93	93	351964	42.327	ng	98
12) 1,3-Dichlorobenzene	7.37	146	382953	40.836	ng	98
13) 1,4-Dichlorobenzene	7.52	146	390697	41.027	ng	97
14) 1,2-Dichlorobenzene	7.83	146	381545	41.562	ng	98
15) Benzyl Alcohol	7.74	79	359972	44.717	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.02	45	292780	39.126	ng	93
17) 2-Methylphenol	7.94	107	300146	42.963	ng	94
18) Hexachloroethane	8.53	117	127990	36.669	ng	94
19) n-Nitroso-di-n-propylamine	8.30	70	327314	44.372	ng	98
20) 3+4-Methylphenols	8.27	107	417582	42.657	ng	98
22) Acetophenone	8.31	105	579486	42.231	ng	99
24) Nitrobenzene	8.69	77	457133	45.257	ng	96
25) Isophorone	9.20	82	740462	43.996	ng	98
26) 2-Nitrophenol	9.39	139	200446	40.460	ng	91
27) 2,4-Dimethylphenol	9.46	122	291399	40.812	ng	94
28) bis(2-Chloroethoxy)methane	9.69	93	464007	42.296	ng	97
29) 2,4-Dichlorophenol	9.92	162	343731	43.420	ng	99
30) 1,2,4-Trichlorobenzene	10.12	180	381196	42.333	ng	96
31) Naphthalene	10.30	128	1042906	41.133	ng	100
32) Benzoic acid	9.66	122	279857m	41.393	ng	
33) 4-Chloroaniline	10.43	127	461423	41.546	ng	97
34) Hexachlorobutadiene	10.57	225	242470	42.576	ng	98
35) Caprolactam	11.25	113	129222m	42.838	ng	
36) 4-Chloro-3-methylphenol	11.57	107	411304	43.239	ng	96
37) 2-Methylnaphthalene	11.92	142	752628	42.092	ng	98
38) 1-Methylnaphthalene	12.14	142	732964	42.009	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.30	216	451156	42.732	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	43155	16.480	ng		95
43) 2,4,6-Trichlorophenol	12.56	196	288326	42.460	ng		96
44) 2,4,5-Trichlorophenol	12.64	196	300123	41.632	ng		95
46) 1,1'-Biphenyl	12.96	154	1137022	41.165	ng		99
47) 2-Chloronaphthalene	13.00	162	848481	41.736	ng		99
48) 2-Nitroaniline	13.24	65	284455	45.422	ng		94
49) Acenaphthylene	13.86	152	1280383	41.793	ng		99
50) Dimethylphthalate	13.62	163	1050113	41.141	ng		100
51) 2,6-Dinitrotoluene	13.75	165	233222	41.564	ng		93
52) Acenaphthene	14.21	154	764469	40.831	ng		99
53) 3-Nitroaniline	14.09	138	241573	40.910	ng		94
54) 2,4-Dinitrophenol	14.30	184	58776	18.989	ng	#	86
55) Dibenzofuran	14.55	168	1265145	42.054	ng		100
56) 4-Nitrophenol	14.42	139	167007	37.303	ng		87
57) 2,4-Dinitrotoluene	14.55	165	328314	42.330	ng	#	89
58) Fluorene	15.20	166	979724	42.165	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.79	232	266374	41.029	ng	#	98
60) Diethylphthalate	15.00	149	1136701	41.266	ng		99
61) 4-Chlorophenyl-phenylether	15.20	204	555693	42.287	ng		97
62) 4-Nitroaniline	15.26	138	234588	41.868	ng		85
63) Azobenzene	15.50	77	1168896	46.538	ng		96
65) 4,6-Dinitro-2-methylphenol	15.32	198	110516	22.072	ng		95
66) n-Nitrosodiphenylamine	15.43	169	918909	40.857	ng		99
67) 4-Bromophenyl-phenylether	16.10	248	340517	41.339	ng		98
68) Hexachlorobenzene	16.21	284	374229	41.470	ng		97
69) Atrazine	16.40	200	296633	39.067	ng		99
70) Pentachlorophenol	16.57	266	337964	56.707	ng		98
71) Phenanthrene	16.95	178	1490784	40.353	ng		99
72) Anthracene	17.04	178	1485929	40.543	ng		99
73) Carbazole	17.33	167	1484063	39.450	ng		99
74) Di-n-butylphthalate	17.89	149	1943845	41.879	ng		100
75) Fluoranthene	18.98	202	1586068	36.926	ng		99
77) Benzidine	19.19	184	686292	45.211	ng		99
78) Pyrene	19.35	202	1629674	45.690	ng		100
80) Butylbenzylphthalate	20.27	149	802475	47.292	ng		95
81) Benzo(a)anthracene	21.11	228	1421465	40.651	ng		100
82) 3,3'-Dichlorobenzidine	21.06	252	592194	42.391	ng		99
83) Chrysene	21.17	228	1349861	40.134	ng		99
84) Bis(2-ethylhexyl)phthalate	21.06	149	1186242	46.907	ng		98
85) Di-n-octyl phthalate	21.92	149	1801552	43.498	ng		99
86) Indeno(1,2,3-cd)pyrene	25.43	276	1493496	44.577	ng		98
88) Benzo(b)fluoranthene	22.65	252	1317553	40.690	ng		100
89) Benzo(k)fluoranthene	22.70	252	1291972	40.064	ng		99
90) Benzo(a)pyrene	23.20	252	1253440	40.701	ng		97
91) Dibenzo(a,h)anthracene	25.43	278	1281890	44.935	ng		98
92) Benzo(g,h,i)perylene	26.07	276	1215892	45.089	ng		98

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

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