Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
Data File : BM018509.D
Acq On : 10 Jan 2019 15:28
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/11/2019 4:41:09 PM

Quant Time: Jan 11 03:23:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	446562	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	1942256	20.00	ng		0.00
39) Acenaphthene-d10	14.41	164	1203654	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	2896413	20.00	ng		0.00
76) Chrysene-d12	21.36	240	3234641	20.00	ng		0.00
87) Perylene-d12	23.64	264	3397857	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1808607	74.78	ng		0.00
7) Phenol-d6	6.93	99	2487945	81.00	ng		0.00
23) Nitrobenzene-d5	8.93	82	2546808	76.02	ng		0.00
42) 2,4,6-Tribromophenol	15.90	330	1352013	88.22	ng		0.00
45) 2-Fluorobiphenyl	13.03	172	6786866	73.58	ng		0.00
79) Terphenyl-d14	19.79	244	11299733	73.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	321176	32.584	ng		95
3) Pyridine	3.68	79	918229	37.365	ng		96
4) n-Nitrosodimethylamine	3.60	42	379411	37.336	ng	#	92
6) Aniline	7.10	93	1452040	42.377	ng		100
8) 2-Chlorophenol	7.33	128	1127015	39.901	ng		95
9) Benzaldehyde	6.92	77	669373	37.087	ng		98
10) Phenol	6.96	94	1238110	39.666	ng		98
11) bis(2-Chloroethyl)ether	7.19	93	973804	39.705	ng		95
12) 1,3-Dichlorobenzene	7.65	146	1266802	37.660	ng		98
13) 1,4-Dichlorobenzene	7.80	146	1299433	38.114	ng		99
14) 1,2-Dichlorobenzene	8.11	146	1244911	38.509	ng		99
15) Benzyl Alcohol	8.01	79	989377	44.595	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.29	45	1252369	39.957	ng		95
17) 2-Methylphenol	8.20	107	906892	42.803	ng		98
18) Hexachloroethane	8.83	117	467627	38.469	ng		96
19) n-Nitroso-di-n-propylamine	8.57	70	868151	43.430	ng		93
20) 3+4-Methylphenols	8.53	107	1280050	43.764	ng		99
22) Acetophenone	8.59	105	1820844	37.898	ng		98
24) Nitrobenzene	8.97	77	1237469	37.538	ng		97
25) Isophorone	9.49	82	2128681	41.957	ng		98
26) 2-Nitrophenol	9.67	139	706529	44.324	ng		95
27) 2,4-Dimethylphenol	9.73	122	958483	40.117	ng		99
28) bis(2-Chloroethoxy)methane	9.97	93	1379120	39.349	ng		98
29) 2,4-Dichlorophenol	10.20	162	1173563	41.250	ng		100
30) 1,2,4-Trichlorobenzene	10.42	180	1311318	37.135	ng		98
31) Naphthalene	10.60	128	3524590	37.680	ng		100
32) Benzoic acid	9.88	122	754763m	47.065	ng		
33) 4-Chloroaniline	10.72	127	1595033	43.298	ng		98
34) Hexachlorobutadiene	10.87	225	830456	37.225	ng		99
35) Caprolactam	11.53	113	457479	47.296	ng	#	86
36) 4-Chloro-3-methylphenol	11.85	107	1312571	43.976	ng		99
37) 2-Methylnaphthalene	12.22	142	2620398	39.650	ng		99
38) 1-Methylnaphthalene	12.44	142	2545466	39.806	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	1533781	36.439	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	759824	32.892	ng		99
43) 2,4,6-Trichlorophenol	12.83	196	1047570	40.984	ng		99
44) 2,4,5-Trichlorophenol	12.91	196	1121442	41.717	ng		99
46) 1,1'-Biphenyl	13.24	154	3861503	36.742	ng		98
47) 2-Chloronaphthalene	13.28	162	2981792	36.587	ng		99
48) 2-Nitroaniline	13.50	65	852617	42.523	ng		93
49) Acenaphthylene	14.13	152	4563796	38.426	ng		100
50) Dimethylphthalate	13.87	163	3923608	39.691	ng		99
51) 2,6-Dinitrotoluene	14.00	165	877512	41.907	ng		93
52) Acenaphthene	14.47	154	2751621	37.865	ng		99
53) 3-Nitroaniline	14.33	138	928108	43.965	ng		98
54) 2,4-Dinitrophenol	14.53	184	433633	42.012	ng		90
55) Dibenzofuran	14.81	168	4558605	37.966	ng		100
56) 4-Nitrophenol	14.65	139	784694	43.027	ng		94
57) 2,4-Dinitrotoluene	14.79	165	1252876	42.289	ng		98
58) Fluorene	15.46	166	3517984	39.331	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	1006261	42.231	ng		97
60) Diethylphthalate	15.24	149	4079302	40.877	ng		99
61) 4-Chlorophenyl-phenylether	15.46	204	1989604	38.594	ng		99
62) 4-Nitroaniline	15.50	138	1017156	44.174	ng		96
63) Azobenzene	15.75	77	3256132	40.020	ng		97
65) 4,6-Dinitro-2-methylphenol	15.54	198	744064	41.168	ng		87
66) n-Nitrosodiphenylamine	15.67	169	3421062	38.077	ng		99
67) 4-Bromophenyl-phenylether	16.35	248	1248439	38.517	ng		100
68) Hexachlorobenzene	16.46	284	1354775	37.337	ng		99
69) Atrazine	16.63	200	1358371	41.821	ng		98
70) Pentachlorophenol	16.80	266	954691	40.174	ng		97
71) Phenanthrene	17.20	178	5807022	37.693	ng		100
72) Anthracene	17.29	178	5761714	38.892	ng		100
73) Carbazole	17.57	167	6007416	39.470	ng		100
74) Di-n-butylphthalate	18.13	149	7186018	43.103	ng		99
75) Fluoranthene	19.22	202	7024774	39.550	ng		98
77) Benzidine	19.42	184	4156993	52.048	ng		99
78) Pyrene	19.59	202	7309876	38.125	ng		99
80) Butylbenzylphthalate	20.49	149	3499846	42.778	ng		95
81) Benzo(a)anthracene	21.34	228	7339332	38.515	ng		99
82) 3,3'-Dichlorobenzidine	21.28	252	3040522	42.195	ng		100
83) Chrysene	21.40	228	7031378	38.211	ng		100
84) Bis(2-ethylhexyl)phthalate	21.26	149	5053937	42.779	ng		99
85) Di-n-octyl phthalate	22.16	149	8653286	43.549	ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.97	276	8034749	37.867	ng		96
88) Benzo(b)fluoranthene	22.96	252	7431996	38.527	ng		98
89) Benzo(k)fluoranthene	23.00	252	7103886	36.542	ng		98
90) Benzo(a)pyrene	23.55	252	6998199	37.894	ng		98
91) Dibenzo(a,h)anthracene	25.99	278	6788677	36.279	ng		99
92) Benzo(g,h,i)perylene	26.69	276	6505243	35.724	ng		97

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

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