Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011819\
Data File : BM018635.D
Acq On : 18 Jan 2019 13:52
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/21/2019 1:58:25 PM

Quant Time: Jan 18 22:02:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 16:48:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	317079	20.00	ng		0.00
21) Naphthalene-d8	10.53	136	1267490	20.00	ng		0.00
39) Acenaphthene-d10	14.39	164	723020	20.00	ng		0.00
64) Phenanthrene-d10	17.14	188	1578753	20.00	ng		0.00
76) Chrysene-d12	21.33	240	1369124	20.00	ng		0.00
87) Perylene-d12	23.60	264	1182865	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1389263	80.90	ng		0.00
7) Phenol-d6	6.91	99	1818513	83.38	ng		0.00
23) Nitrobenzene-d5	8.90	82	1779169	81.37	ng		0.00
42) 2,4,6-Tribromophenol	15.89	330	820625	89.14	ng		0.00
45) 2-Fluorobiphenyl	13.00	172	4487217	80.98	ng		0.00
79) Terphenyl-d14	19.77	244	6311976m	97.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	259414	37.065	ng		95
3) Pyridine	3.67	79	711306	40.764	ng		97
4) n-Nitrosodimethylamine	3.59	42	292728	40.569	ng	#	92
6) Aniline	7.08	93	1077575	44.291	ng		98
8) 2-Chlorophenol	7.30	128	834493	41.609	ng		95
9) Benzaldehyde	6.89	77	481962	37.797	ng		97
10) Phenol	6.94	94	913082	41.198	ng		99
11) bis(2-Chloroethyl)ether	7.17	93	731769	42.021	ng		96
12) 1,3-Dichlorobenzene	7.62	146	962485	40.298	ng		99
13) 1,4-Dichlorobenzene	7.77	146	972845	40.187	ng		98
14) 1,2-Dichlorobenzene	8.09	146	927441	40.404	ng		100
15) Benzyl Alcohol	7.99	79	701821	44.552	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.26	45	935016	42.014	ng		95
17) 2-Methylphenol	8.18	107	640561	42.579	ng		100
18) Hexachloroethane	8.80	117	349054	40.440	ng		94
19) n-Nitroso-di-n-propylamine	8.55	70	611095	43.054	ng		93
20) 3+4-Methylphenols	8.51	107	889376	42.824	ng		100
22) Acetophenone	8.56	105	1255373	40.038	ng	#	97
24) Nitrobenzene	8.95	77	865341	40.224	ng		97
25) Isophorone	9.47	82	1437861	43.429	ng		98
26) 2-Nitrophenol	9.65	139	498515	47.924	ng		96
27) 2,4-Dimethylphenol	9.70	122	657799	42.189	ng		99
28) bis(2-Chloroethoxy)methane	9.95	93	957880	41.880	ng		100
29) 2,4-Dichlorophenol	10.18	162	814342	43.862	ng		97
30) 1,2,4-Trichlorobenzene	10.39	180	933751	40.519	ng		99
31) Naphthalene	10.58	128	2464656	40.376	ng		99
32) Benzoic acid	9.87	122	530882m	50.222	ng		
33) 4-Chloroaniline	10.70	127	1093551	45.488	ng		99
34) Hexachlorobutadiene	10.85	225	601775	41.335	ng		100
35) Caprolactam	11.52	113	284703m	45.103	ng		
36) 4-Chloro-3-methylphenol	11.82	107	837666	43.005	ng		99
37) 2-Methylnaphthalene	12.19	142	1766295	40.954	ng		100
38) 1-Methylnaphthalene	12.42	142	1703952	40.832	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.56	216	1048807	41.482	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	515912	37.179	ng		98
43) 2,4,6-Trichlorophenol	12.81	196	686596	44.718	ng		100
44) 2,4,5-Trichlorophenol	12.88	196	714848	44.269	ng		99
46) 1,1'-Biphenyl	13.22	154	2544801	40.310	ng		99
47) 2-Chloronaphthalene	13.26	162	1970059	40.242	ng		99
48) 2-Nitroaniline	13.48	65	521140	43.269	ng		88
49) Acenaphthylene	14.11	152	2895819	40.590	ng		99
50) Dimethylphthalate	13.85	163	2424912	40.837	ng		99
51) 2,6-Dinitrotoluene	13.98	165	535532	42.577	ng		90
52) Acenaphthene	14.45	154	1754056	40.183	ng		98
53) 3-Nitroaniline	14.31	138	556458	43.882	ng		96
54) 2,4-Dinitrophenol	14.52	184	276787	44.192	ng		92
55) Dibenzofuran	14.79	168	2842500	39.411	ng		98
56) 4-Nitrophenol	14.62	139	441534	40.305	ng		94
57) 2,4-Dinitrotoluene	14.76	165	732239	41.145	ng		99
58) Fluorene	15.44	166	2175245	40.486	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.02	232	625082	43.672	ng		96
60) Diethylphthalate	15.22	149	2482533	41.414	ng		99
61) 4-Chlorophenyl-phenylether	15.43	204	1256419	40.574	ng		98
62) 4-Nitroaniline	15.48	138	525265	37.976	ng		97
63) Azobenzene	15.73	77	2005370	41.032	ng		97
65) 4,6-Dinitro-2-methylphenol	15.53	198	445856	44.722	ng		85
66) n-Nitrosodiphenylamine	15.66	169	2056572	41.995	ng		99
67) 4-Bromophenyl-phenylether	16.33	248	762271	43.146	ng		99
68) Hexachlorobenzene	16.43	284	823587	41.641	ng		100
69) Atrazine	16.61	200	756888	42.752	ng		98
70) Pentachlorophenol	16.78	266	582518	44.971	ng		99
71) Phenanthrene	17.18	178	3361672	40.033	ng		100
72) Anthracene	17.27	178	3333782	41.285	ng		100
73) Carbazole	17.55	167	3326730	40.100	ng		99
74) Di-n-butylphthalate	18.10	149	4163030	45.811	ng		99
75) Fluoranthene	19.20	202	3732905	38.557	ng		98
77) Benzidine	19.40	184	1326486	39.239	ng		100
78) Pyrene	19.57	202	3818523	47.052	ng		100
80) Butylbenzylphthalate	20.47	149	1746281m	50.428	ng		
81) Benzo(a)anthracene	21.32	228	3308691	41.022	ng		99
82) 3,3'-Dichlorobenzidine	21.26	252	1281758	42.025	ng		99
83) Chrysene	21.37	228	3175053	40.765	ng		99
84) Bis(2-ethylhexyl)phthalate	21.23	149	2544653m	50.888	ng		
85) Di-n-octyl phthalate	22.13	149	3946162	46.920	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.91	276	2902295	32.315	ng		97
88) Benzo(b)fluoranthene	22.92	252	2846417	42.387	ng		99
89) Benzo(k)fluoranthene	22.96	252	2772777	40.971	ng		99
90) Benzo(a)pyrene	23.50	252	2624759	40.827	ng		98
91) Dibenzo(a,h)anthracene	25.92	278	2478079	38.041	ng		98
92) Benzo(g,h,i)perylene	26.61	276	2367189	37.342	ng		98

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

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