Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018362.D
Acq On : 21 Dec 2018 18:06
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/26/2018 3:20:01 PM

Quant Time: Dec 22 04:53:13 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	79237	20.00	ng		-0.02
21) Naphthalene-d8	10.25	136	314792	20.00	ng		-0.02
39) Acenaphthene-d10	14.14	164	178332	20.00	ng		-0.02
64) Phenanthrene-d10	16.92	188	392832	20.00	ng		0.00
76) Chrysene-d12	21.14	240	441439	20.00	ng		0.00
87) Perylene-d12	23.31	264	465450	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	405228	85.43	ng		0.00
7) Phenol-d6	6.70	99	532145	80.72	ng		0.00
23) Nitrobenzene-d5	8.65	82	587640	95.75	ng		-0.02
42) 2,4,6-Tribromophenol	15.66	330	210938	80.59	ng		0.00
45) 2-Fluorobiphenyl	12.75	172	1129662	82.05	ng		-0.02
79) Terphenyl-d14	19.57	244	1549678	79.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	86218	45.885	ng		95
3) Pyridine	3.50	79	250814	45.374	ng		94
4) n-Nitrosodimethylamine	3.42	42	92197	48.457	ng		97
6) Aniline	6.83	93	333866	40.368	ng		97
8) 2-Chlorophenol	7.06	128	218689	39.021	ng		94
9) Benzaldehyde	6.65	77	168332	41.888	ng		87
10) Phenol	6.73	94	287500	41.176	ng		94
11) bis(2-Chloroethyl)ether	6.93	93	225239	40.590	ng		98
12) 1,3-Dichlorobenzene	7.37	146	253614	40.525	ng		96
13) 1,4-Dichlorobenzene	7.52	146	260120	40.931	ng		97
14) 1,2-Dichlorobenzene	7.83	146	247552	40.408	ng		97
15) Benzyl Alcohol	7.75	79	230172	42.846	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.02	45	173504	34.744	ng		90
17) 2-Methylphenol	7.95	107	185488	39.786	ng		92
18) Hexachloroethane	8.53	117	100079	42.965	ng		96
19) n-Nitroso-di-n-propylamine	8.29	70	205888	41.825	ng		98
20) 3+4-Methylphenols	8.28	107	253045	38.735	ng		96
22) Acetophenone	8.31	105	359457	43.150	ng	#	96
24) Nitrobenzene	8.69	77	293465	47.857	ng		94
25) Isophorone	9.20	82	447313	43.779	ng		98
26) 2-Nitrophenol	9.39	139	126704	42.127	ng	#	87
27) 2,4-Dimethylphenol	9.46	122	172579	39.814	ng		93
28) bis(2-Chloroethoxy)methane	9.69	93	278052	41.749	ng		99
29) 2,4-Dichlorophenol	9.93	162	198992	41.405	ng		99
30) 1,2,4-Trichlorobenzene	10.12	180	236384	43.241	ng		94
31) Naphthalene	10.30	128	620931	40.340	ng		99
32) Benzoic acid	9.65	122	135545m	33.023	ng		
33) 4-Chloroaniline	10.44	127	272991	40.488	ng		98
34) Hexachlorobutadiene	10.56	225	154445	44.671	ng		98
35) Caprolactam	11.26	113	67755	36.998	ng		93
36) 4-Chloro-3-methylphenol	11.59	107	235719	40.818	ng		94
37) 2-Methylnaphthalene	11.93	142	438933	40.436	ng		96
38) 1-Methylnaphthalene	12.15	142	412784	38.970	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.30	216	258505	42.154	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	79688	34.763	ng		97
43) 2,4,6-Trichlorophenol	12.57	196	162069	41.090	ng		92
44) 2,4,5-Trichlorophenol	12.65	196	162622	38.837	ng		91
46) 1,1'-Biphenyl	12.97	154	633918	39.513	ng		99
47) 2-Chloronaphthalene	13.00	162	478931	40.559	ng		98
48) 2-Nitroaniline	13.25	65	166418	45.750	ng		92
49) Acenaphthylene	13.86	152	737074	41.421	ng		99
50) Dimethylphthalate	13.62	163	612137	41.288	ng		99
51) 2,6-Dinitrotoluene	13.75	165	137377	42.150	ng	#	84
52) Acenaphthene	14.21	154	447778	41.175	ng		99
53) 3-Nitroaniline	14.09	138	136543	39.810	ng		91
54) 2,4-Dinitrophenol	14.32	184	80807	44.946	ng	#	86
55) Dibenzofuran	14.55	168	725990	41.547	ng		96
56) 4-Nitrophenol	14.44	139	120374m	46.289	ng		
57) 2,4-Dinitrotoluene	14.56	165	191579	42.526	ng	#	87
58) Fluorene	15.21	166	558236	41.363	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	152213m	40.363	ng		
60) Diethylphthalate	15.00	149	654945	40.935	ng		98
61) 4-Chlorophenyl-phenylether	15.20	204	320838	42.034	ng		98
62) 4-Nitroaniline	15.27	138	130361	40.056	ng	#	81
63) Azobenzene	15.50	77	671531	46.030	ng		97
65) 4,6-Dinitro-2-methylphenol	15.33	198	110379	38.168	ng		93
66) n-Nitrosodiphenylamine	15.43	169	522863	40.251	ng		97
67) 4-Bromophenyl-phenylether	16.10	248	194019	40.781	ng		95
68) Hexachlorobenzene	16.22	284	216116	41.465	ng		97
69) Atrazine	16.40	200	169245	38.592	ng		99
70) Pentachlorophenol	16.57	266	140897	40.932	ng		96
71) Phenanthrene	16.96	178	849886	39.830	ng		99
72) Anthracene	17.05	178	854553	40.369	ng		99
73) Carbazole	17.33	167	842839	38.792	ng		99
74) Di-n-butylphthalate	17.89	149	1061343	39.590	ng		99
75) Fluoranthene	18.99	202	984339	39.678	ng		99
77) Benzidine	19.20	184	409667	36.597	ng		99
78) Pyrene	19.36	202	1032805	39.266	ng		99
80) Butylbenzylphthalate	20.28	149	493084	39.405	ng		90
81) Benzo(a)anthracene	21.13	228	1041610	40.393	ng		99
82) 3,3'-Dichlorobenzidine	21.07	252	430703	41.808	ng		98
83) Chrysene	21.18	228	988778	39.865	ng		99
84) Bis(2-ethylhexyl)phthalate	21.06	149	751427	40.293	ng		98
85) Di-n-octyl phthalate	21.93	149	1285376	42.085	ng		98
86) Indeno(1,2,3-cd)pyrene	25.46	276	1267581	51.305	ng		97
88) Benzo(b)fluoranthene	22.67	252	1042253	39.864	ng		99
89) Benzo(k)fluoranthene	22.72	252	1047247	40.220	ng		97
90) Benzo(a)pyrene	23.22	252	1010998	40.657	ng		99
91) Dibenzo(a,h)anthracene	25.46	278	1074884	46.664	ng		98
92) Benzo(g,h,i)perylene	26.11	276	1035607	47.561	ng		96

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

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