Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
Data File : BM017871.D
Acq On : 02 Dec 2018 00:30
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
12/3/2018 4:58:33 PM

Quant Time: Dec 03 01:19:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	319961	20.00	ng		-0.04
21) Naphthalene-d8	10.35	136	1450244	20.00	ng		-0.04
39) Acenaphthene-d10	14.23	164	813600	20.00	ng		-0.03
64) Phenanthrene-d10	16.99	188	1621163	20.00	ng		-0.03
76) Chrysene-d12	21.19	240	1285015	20.00	ng		-0.02
87) Perylene-d12	23.37	264	1284354	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1488025	78.49	ng		-0.03
7) Phenol-d6	6.78	99	2161643	81.64	ng		-0.02
23) Nitrobenzene-d5	8.75	82	2302790	81.97	ng		-0.03
42) 2,4,6-Tribromophenol	15.74	330	956931	81.86	ng		-0.02
45) 2-Fluorobiphenyl	12.85	172	5449338	86.89	ng		-0.03
79) Terphenyl-d14	19.63	244	5344669	94.27	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	265595	33.637	ng		89
3) Pyridine	3.59	79	816322	35.245	ng		87
4) n-Nitrosodimethylamine	3.51	42	351836	34.485	ng		89
6) Aniline	6.93	93	1324913	40.349	ng		98
8) 2-Chlorophenol	7.16	128	948548	41.805	ng		95
9) Benzaldehyde	6.75	77	637380	33.044	ng		96
10) Phenol	6.80	94	1129500	40.640	ng		98
11) bis(2-Chloroethyl)ether	7.03	93	914633	41.687	ng		94
12) 1,3-Dichlorobenzene	7.47	146	1060004	41.640	ng		99
13) 1,4-Dichlorobenzene	7.62	146	1084539	41.565	ng		99
14) 1,2-Dichlorobenzene	7.93	146	1060606	41.920	ng		100
15) Benzyl Alcohol	7.83	79	882792	41.864	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.11	45	1043113	31.226	ng		89
17) 2-Methylphenol	8.03	107	781403	41.735	ng		97
18) Hexachloroethane	8.64	117	408528	44.423	ng		100
19) n-Nitroso-di-n-propylamine	8.40	70	804610	42.320	ng		92
20) 3+4-Methylphenols	8.37	107	1093547	42.037	ng		98
22) Acetophenone	8.41	105	1507129	41.639	ng	#	94
24) Nitrobenzene	8.79	77	1145953	40.207	ng		99
25) Isophorone	9.31	82	1818144	41.904	ng		99
26) 2-Nitrophenol	9.48	139	569026	43.343	ng		99
27) 2,4-Dimethylphenol	9.55	122	786949	41.592	ng		99
28) bis(2-Chloroethoxy)methane	9.79	93	1229678	41.845	ng		98
29) 2,4-Dichlorophenol	10.01	162	948821	43.200	ng		99
30) 1,2,4-Trichlorobenzene	10.22	180	1075442	42.100	ng		96
31) Naphthalene	10.40	128	2954343	41.433	ng		99
32) Benzoic acid	9.76	122	714442m	41.685	ng		
33) 4-Chloroaniline	10.53	127	1292725	41.398	ng		99
34) Hexachlorobutadiene	10.67	225	685822	43.246	ng		99
35) Caprolactam	11.36	113	321606m	39.762	ng		
36) 4-Chloro-3-methylphenol	11.66	107	1056159	41.650	ng		98
37) 2-Methylnaphthalene	12.02	142	2103814	41.746	ng		99
38) 1-Methylnaphthalene	12.25	142	2039890	41.282	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	1262858	44.018	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
Data File : BM017871.D
Acq On : 02 Dec 2018 00:30
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
12/3/2018 4:58:33 PM

Quant Time: Dec 03 01:19:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	616448	41.582	ng	98
43) 2,4,6-Trichlorophenol	12.65	196	807114	44.914	ng	99
44) 2,4,5-Trichlorophenol	12.72	196	827717	43.623	ng	98
46) 1,1'-Biphenyl	13.06	154	3151321	43.151	ng	99
47) 2-Chloronaphthalene	13.10	162	2365572	43.640	ng	99
48) 2-Nitroaniline	13.32	65	714505	42.623	ng	97
49) Acenaphthylene	13.95	152	3456437	42.441	ng	100
50) Dimethylphthalate	13.71	163	2782554	42.065	ng	100
51) 2,6-Dinitrotoluene	13.83	165	626373	42.525	ng	96
52) Acenaphthene	14.30	154	2095379	41.923	ng	99
53) 3-Nitroaniline	14.16	138	653655	40.760	ng	100
54) 2,4-Dinitrophenol	14.37	184	449133	52.620	ng	98
55) Dibenzofuran	14.63	168	3368899	41.245	ng	99
56) 4-Nitrophenol	14.48	139	529719	41.818	ng	99
57) 2,4-Dinitrotoluene	14.63	165	856927	43.159	ng	96
58) Fluorene	15.29	166	2602301	41.617	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.87	232	722967	41.426	ng	98
60) Diethylphthalate	15.08	149	2958263	41.390	ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	1487526	41.871	ng	98
62) 4-Nitroaniline	15.34	138	610191	40.373	ng	99
63) Azobenzene	15.58	77	2778007	42.045	ng	97
65) 4,6-Dinitro-2-methylphenol	15.39	198	509627	45.378	ng	96
66) n-Nitrosodiphenylamine	15.51	169	2422887	46.485	ng	99
67) 4-Bromophenyl-phenylether	16.19	248	884433	46.128	ng	97
68) Hexachlorobenzene	16.29	284	940236	43.500	ng	96
69) Atrazine	16.47	200	818905	42.717	ng	96
70) Pentachlorophenol	16.64	266	682245	45.048	ng	98
71) Phenanthrene	17.03	178	3682297	41.859	ng	99
72) Anthracene	17.12	178	3649338	42.632	ng	99
73) Carbazole	17.40	167	3575296	41.334	ng	100
74) Di-n-butylphthalate	17.97	149	4479292	46.519	ng	99
75) Fluoranthene	19.06	202	3599326	36.162	ng	99
77) Benzidine	19.26	184	1732258	41.397	ng	100
78) Pyrene	19.42	202	3669609	46.283	ng	100
80) Butylbenzylphthalate	20.33	149	1590485	49.389	ng	97
81) Benzo(a)anthracene	21.17	228	3135965	42.360	ng	100
82) 3,3'-Dichlorobenzidine	21.12	252	1297228	45.401	ng	99
83) Chrysene	21.23	228	3000808	41.733	ng	100
84) Bis(2-ethylhexyl)phthalate	21.12	149	2260849	47.490	ng	99
85) Di-n-octyl phthalate	21.99	149	3460586	45.396	ng	97
86) Indeno(1,2,3-cd)pyrene	25.55	276	3519537	61.253	ng	100
88) Benzo(b)fluoranthene	22.73	252	2993410	39.798	ng	100
89) Benzo(k)fluoranthene	22.77	252	2981551	39.219	ng	99
90) Benzo(a)pyrene	23.28	252	2902602	42.323	ng	99
91) Dibenzo(a,h)anthracene	25.56	278	3009665	52.200	ng	99
92) Benzo(g,h,i)perylene	26.21	276	2913791	53.741	ng	100

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
Data File : BM017871.D
Acq On : 02 Dec 2018 00:30
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 03 01:19:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
12/3/2018 4:58:33 PM